

CITY OF PHILADELPHIA DEPARTMENT OF PUBLIC PROPERTY

MAYOR – MICHAEL A. NUTTER

MANAGING DIRECTOR – RICHARD NEGRIN, ESQ

COMMISSIONER OF PUBLIC PROPERTY – BRIDGET COLLINS-GREENWALD

COMMISSIONER OF PARKS & RECREATION – MICHAEL DIBERARDINIS

FIRST DEPUTY COMMISSIONER, PARKS & FACILITIES – MARK A. FOCHT, FASLA

MARTIN LUTHER KING OLDER ADULT CENTER 2100 CECIL B. MOORE AVENUE PHILADELPHIA, PA 19121 PROJECT NO. 20-11-4199-99

DESIGN DEVELOPMENT SUBMISSION
JULY 2, 2015

SMP ARCHITECTS
1600 Walnut Street, 2nd Floor
Philadelphia, Pennsylvania 19103
215 985 4410 fax 985 4430

BURRIS ENGINEERS
ELECTRICAL - MECHANICAL - PLUMBING
ENGINEERING, DESIGN, & CONSULTING
716 N. BETHLEHEM PIKE - SUITE 201
LOWER MERIONETOWN, PA 19002
(215) 643-4465 OFFICE - (215) 643-4481 FAX
www.burrisengineers.com

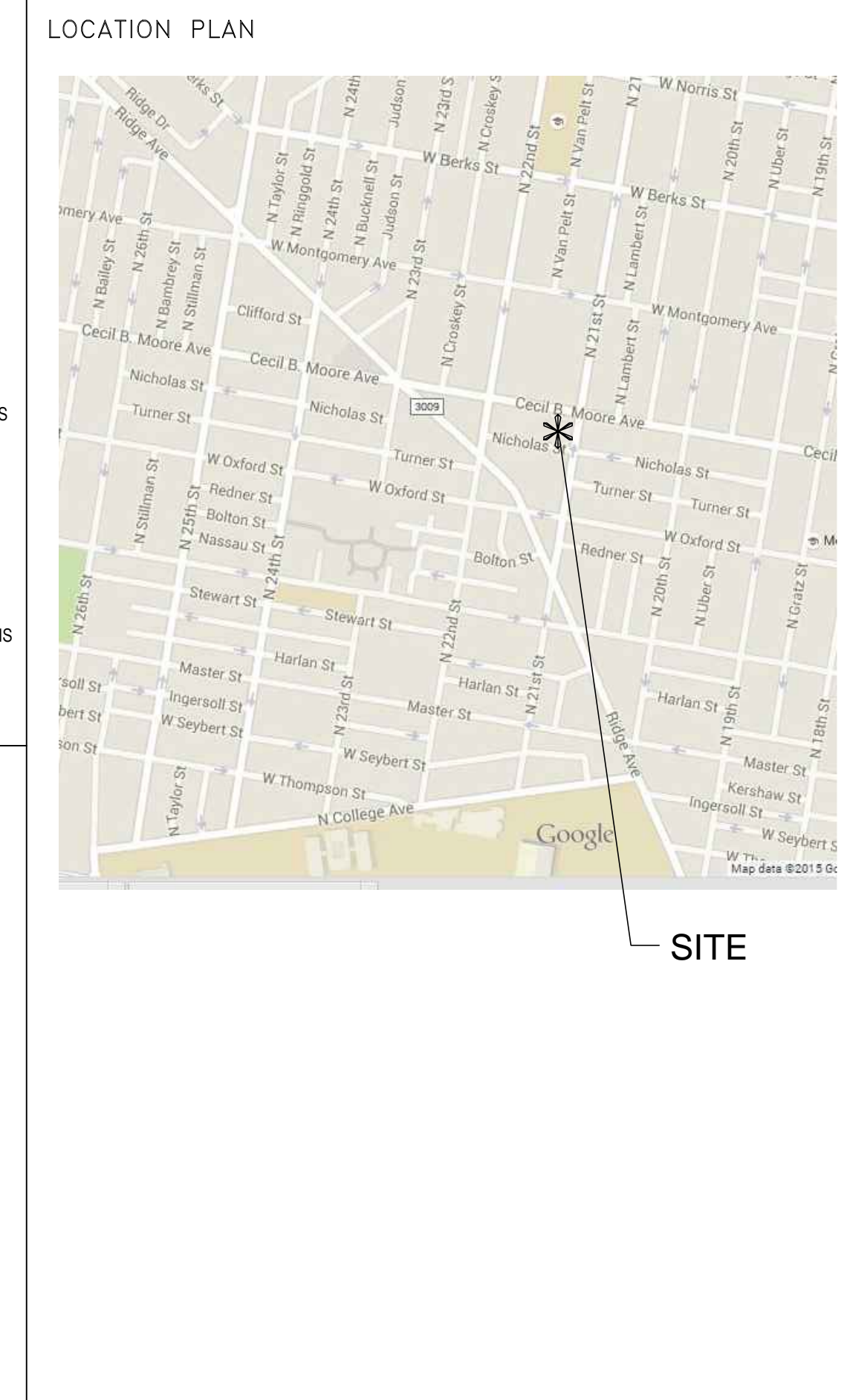
KSE
Engineers • Surveyors • Construction Managers
494 Broad Street, 4th Floor, Newark, N.J. 07102
Phone: (973)623-2999, Fax: (973)623-2988

VJ ASSOCIATES OF NEW JERSEY, INC.
COST CONSULTANT
PUBLIC LEDGER BUILDING
150 S. INDEPENDENCE MALL WEST, SUITE 1200
PHILADELPHIA, PA 19106
215 268 3993 fax 215 376 6776

ABBREVIATIONS			
A	ABV ABOVE	G GA GAUGE	R RA RISER
	AFF ABOVE FINISHED FLOOR	GALV GALVANIZED	RA RAD RADIUS
	ADJ ADJUSTABLE	GL GLAZED, GLAZING, GLASS	RB RUBBER BASE
	AL(ALUM) ALUMINUM	GLW GYPSUM WALLBOARD	RCP REFLECTED CEILING PLAN
	ANOD ANODIZED		REF REFER TO, REFERENCE
	APPROX APPROXIMATE	H HC HANDICAPPED	REQ'D REQUIRED
	ARCH ARCHITECTURAL	HDPE HIGH DENSITY POLYETHYLENE	REV REVISION, REVISE(D)
B	BCAB BASE CABINET	HM HOLLOW METAL	RSF RESILIENT FLOORING
	BLW BELOW	HOR HORIZONTAL	RM ROOM
	BLDG BUILDING	HR HOUR	R.O. ROUGH OPENING
	BLKG BLOCKING	HRWD HARDWOOD	RWC RAIN WATER CONDUCTOR
	BM BEAM	HT HEIGHT	
	BOT BOTTOM	HVAC HEATING/VENTILATION / AIR CONDITIONING	S SA SUPPLY AIR
B.O.	BOTTOM OF		SBC SINK BASE CABINET
	BTW BETWEEN	I IG INSULATED GLAZING	SBO SUPPLIED BY OTHERS
C	CERT CERTIFIED	INFO INCLUDING INFORMATION	SFI SPRAY FOAM INSULATION
	CB CEMENTBOARD	INS INLLATE(D),(ION)	SL SIMILAR
	CJ CONTROL JOINT	INT INTERIOR	SIM SIMILAR(SLOPE(D))
	CLG CEILING	J JT JOINT	SLD SEALED
	CLR CLEAR CLEARANCE		SLR SEALER
	CMU CONCRETE MASONRY UNIT	L LAM LAMINATED	SOG SLAB ON GRADE
	COL COLUMN	LF LINEAR FEET	SSF SOLID SURFACE
	CONC CONCRETE	LLV LONG LEG VERTICAL	SSTL STAINLESS STEEL
	CONT CONTINUOUS	LTL LINTEL	STN STAIN(ED)
	COR CORRUGATED	LTV LOUVERS	STL STEEL
	CT CERAMIC TILE		STRUC STRUCTURAL
D	DIA DIAMETER	M MAS MASONRY	SUSP SUSPENDED
	DIM DIMENSION	MAS DIM MASONRY DIMENSION	T T.O. TRANSPARENT FINISH
	DN DOWN	MAX MAXIMUM	T.F. TOP OF THICK(NESS)
	DR DOOR	MDF MEDIUM DENSITY FIBERBOARD	TLT TOILET
	DTL DETAIL	MECH MECHANICAL	TPTN TOILET PARTITION
	DWG(S) DRAWING(DRAWINGS)	MFR MANUFACTURER	TYP TYPICAL
E	EA EACH	MIN MINIMUM	U UN UNLESS OTHERWISE NOTED
	EL ELEVATION	M.O. MASONRY OPENING	UNO UNLESS NOTED OTHERWISE
	ELEC ELECTRICAL	MR MOUNTED	V VAR VARIOUS
	EMER EMERGENCY	MTD METAL	VERT VERTICAL
	EQ EQUAL	MULL MULLION	VEST VESTIBULE
	EQPM EQUIPMENT	N N/A NOT APPLICABLE	VIF VERIFY IN FIELD
	ES EXPOSED STRUCTURE	NIC NOT IN CONTRACT	W W/ WITH
	ETR EXISTING TO REMAIN	NOM NOMINAL	W/O WITHOUT
	EWC ELECTRIC WATER COOLER	NTS NOT TO SCALE	WC WATER CLOSET
	ENG EXISTING	O OC ON CENTER	WCAB WALL CABINET
	EXP EXPOSED/EXPANSION	OH OPPOSITE HAND	WD WOOD
	EXT EXTERIOR	OPP OPPOSITE	WDWK WOODWORK
F	FA FIRE ALARM	OPG OPENING	WF WIDE FLANGE
	FD FLOOR DRAIN	OTLN OUTLINE	WIN WINDOW
	FE FIRE EXTINGUISHER	P PLAM PLASTIC LAMINATE	
	FEC FIRE EXTINGUISHER CABINET	PNL PANEL	
	FFE FINISHED FLOOR ELEVATION	PNT PAINT(ED)	
	FIN FINISHED	PROJ PROJECTION	
	FLG FLASHING	P.T. PRESSURE TREATED	
	FLR FLOOR(ING)	PT POINT	
	FND FOUNDATION	PTN PARTITION	
	F.O. FACE OF	PV PIPE VENT	
	FT FOOT (FEET)	PWD PLYWOOD	
	FTG FOOTING		

DRAWING SYMBOLS	
ELEVATION	<p>DIRECTION OF SECTION DRAWING ID NUMBER SHEET ID NUMBER</p>
BUILDING SECTION	<p>DIRECTION OF SECTION DRAWING ID NUMBER SHEET ID NUMBER</p>
WALL/DETAIL SECTION	<p>DIRECTION OF SECTION DRAWING ID NUMBER SHEET ID NUMBER</p>
DETAIL ELEVATION	<p>DIRECTION OF SECTION DRAWING ID NUMBER SHEET ID NUMBER</p>
ROOM IDENTIFICATION	<p>ROOM NAME ROOM NUMBER</p>
INTERIOR DOOR	<p>INTERIOR DOOR NUMBER</p>
INTERIOR PARTITION TYPE	<p>PARTITION NUMBER</p>
ROOM ELEVATIONS	<p>DRAWING ID NO. DRAWING SUB-ID SHEET ID NUMBER DIRECTION OF ROOM ELEVATION</p>
DATUM ELEVATION (PLAN)	<p>EL. 58.00</p>
DATUM ELEVATION (SECTION/ELEVATION)	<p>FINISH FLOOR EL. +/- 58.05</p>
BREAKLINE	
REFERENCE GRID	<p>1 E</p>

DRAWING LIST			
CS-1	COVER SHEET		
CIVIL	EXISTING SITE AND REMOVALS PLAN		
C02	PROPOSED SITE PLAN		
C03	EROSION AND SEDIMENT CONTROL PLAN		
C04	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS		
C05	CONSTRUCTION DETAILS		
ARCHITECTURAL	A0.1 CODE INFORMATION A2.0 FLOOR PLAN A2.1 ROOF PLAN A3.0 EXTERIOR ELEVATIONS A4.0 ENLARGED PLANS AND ELEVATIONS A4.1 INTERIOR ELEVATIONS A4.2 INTERIOR ELEVATIONS A4.3 INTERIOR ELEVATIONS A5.0 BUILDING SECTIONS A6.0 REFLECTED CEILING PLAN A8.0 WALL SECTIONS A9.0 PARTITION AND FINISHES SCHEDULES A9.1 DOOR SCHEDULE, TYPES, AND DETAILS A9.2 WINDOW TYPES AND DETAILS		
STRUCTURAL	S1.0 GENERAL NOTES S2.0 FOUNDATION PLAN S3.0 LOW ROOF FRAMING PLAN S4.0 HIGH ROOF FRAMING PLAN S5.0 TYPICAL DETAILS S6.0 TYPICAL DETAILS		
HVAC	M0.0 COVER SHEET M1.1 HVAC FLOOR PLAN M2.1 HVAC SCHEDULES & DETAILS		
PLUMBING	P0.0 COVER SHEET P1.1 SANITARY/VENT PIPING FLOOR PLANS P1.2 WATER/GAS PIPING FLOOR PLANS		
FIRE PROTECTION	FP0.0 COVER SHEET FP1.1 FLOOR PLANS		
ELECTRICAL	E0.0 COVER SHEET E1.1 POWER & SYSTEMS PLAN E1.2 LIGHTING & FIRE ALARM FLOOR PLANS E2.1 SINGLE LINE DIAGRAM		
MATERIAL SYMBOLS			
EARTH	GRAVEL	CONCRETE	GROUT, SAND, GWB
CONCRETE MASONRY UNITS	BRICK	CUT STONE	MEDIUM DENSITY FIBERBOARD
FINISH CARPENTRY	ROUGH CARPENTRY	BLOCKING	PLYWOOD (LARGE SCALE)
BATTLOOSE FILL INSULATION	RIGID INSULATION (LARGE SCALE)	RIGID INSULATION (SMALL SCALE)	GLASS (SMALL SCALE)
STEEL (LARGE SCALE)	STEEL (SMALL SCALE)	ALUMINUM (LARGE SCALE)	SOLID SURFACE COUNTERTOP (LARGE SCALE)



PROJECT APPROVED	
COMMISSIONER/DEPARTMENT OF PUBLIC PROPERTY	
DEPUTY COMMISSIONER/DEPARTMENT OF PUBLIC PROPERTY	
PROJECT DIRECTOR/OPP-CAPITAL PROJECTS DIVISION	
ART COMMISSION	
HISTORICAL COMMISSION	
SEALS	
CITY OF PHILADELPHIA DEPARTMENT OF PUBLIC PROPERTY 1515 ARCH STREET 11TH FLOOR, ONE PARKWAY BUILDING PHILADELPHIA, PENNSYLVANIA	
PROJECT NO. 20-11-4199-99	DRAWING NO. CS-1
DATE 7-2-2015	
SCALE AS NOTED	
DRAWN BY AS NOTED	
CHECKED BY AS NOTED	
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.	

LEGEND

EXISTING	
---	PROPERTY LINES
---	EASEMENT LINES
G — G — G	GAS LINE
T — T — T	TELEPHONE CONDUIT
W — W — W	POTABLE WATER
---	SEWER
E — E — E	ELECTRIC CONDUIT
DHW	ELECTRIC OVERHEAD LINE
X — X — X	FENCE
○	CURB
⊕	ELECTRIC MANHOLE
⊕	TELEPHONE MANHOLE
⊕	SANITARY MANHOLE
⊕	WATER MANHOLE
○	WATER VALVE
○	GAS VALVE
○	FIRE HYDRANT
○ / ⊕	UTILITY POLE/STREET LIGHT
⊕	INLET
○	TREE

GENERAL NOTES:

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- LOT BEARINGS AND DISTANCES ARE SHOWN IN PHILADELPHIA DISTRICT STANDARD. ALL OTHER DIMENSIONS ARE SHOWN IN U.S. SURVEY FEET.
- ELEVATIONS ARE REFERENCED TO PHILADELPHIA CITY DATUM.
- REFERENCED PROPERTY CONSOLIDATION & SUBDIVISION PLAN CECIL B. MOORE WELLNESS CENTER PREPARED BY EUSTACE ENGINEERING DATED 04-10-13.
- SURVEY INFORMATION OBTAINED FROM A FIELD SURVEY PERFORMED BY STANTEC CONSULTING SERVICES INC. IN APRIL OF 2015.
- SUBJECT TO ALL RESTRICTIONS, EASEMENTS AND/OR COVENANTS OF RECORD EITHER WRITTEN OR IMPLIED THAT MAY NOT APPEAR OF THIS SURVEY.
- IF BUILDINGS ARE ON THIS PLAN, BUILDING OFFSET DISTANCES SHOWN ARE FOR THE PURPOSE OF CHECKING COMPLIANCE WITH ZONING AND DEED RESTRICTIONS ONLY. NO LIABILITY WILL BE ACCEPTED IF THESE DISTANCES ARE USED FOR ANY OTHER PURPOSES.
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- UNDERGROUND UTILITIES AS SHOWN TAKEN FROM FIELD EVIDENCE AND PLANS AS PROVIDED BY THE VARIOUS UTILITY AUTHORITIES. ADDITIONAL UNDERGROUND UTILITIES NOT DEPICTED ON THIS PLAN MAY EXIST. PA ONE CALL SERIAL NO. 20150931571.
- INFORMATION PERTAINING TO LOTS OTHER THAN THE SUBJECT PARCEL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY.
- SITE LIES WITHIN THE MAPPED LIMITS OF FLOOD ZONE X, AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP COMMUNITY-PANEL NO. 4207570181G, DATED 1/17/2007 FOR THE CITY OF PHILADELPHIA.
- PROJECT SITE IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE AND THERE ARE NO WETLANDS ON SITE

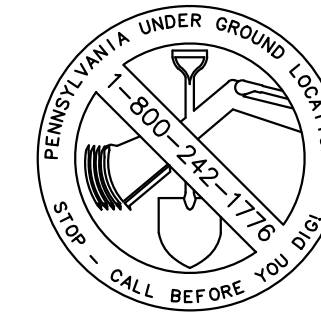
ACT 187

IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE PENNSYLVANIA ACT 187 AND TO CONTACT THE "ONE CALL SYSTEM" THREE (3) WORKING DAYS (UNLESS OTHERWISE NOTED) PRIOR TO START OF CONSTRUCTION.

PENNSYLVANIA ONE CALL: 1-800-242-1776

PHILADELPHIA WATER DEPARTMENT 1101 MARKET STREET, 2nd FLOOR PHILADELPHIA, PENNSYLVANIA 19103 (215) 685-6270	VERIZON 900 RACE STREET PHILADELPHIA, PENNSYLVANIA 19107 (215) 351-8947
PHILADELPHIA GAS WORKS 800 W. MONTGOMERY AVENUE, 3RD FLOOR PHILADELPHIA, PENNSYLVANIA 19122 (215) 684-6796	COMCAST 1351 S. COLUMBUS BOULEVARD PHILADELPHIA, PENNSYLVANIA 19147 (215) 952-4935
PECO-CONSTRUCTION DEPARTMENT 2301 MARKET STREET PHILADELPHIA, PENNSYLVANIA 19103 (215) 731-3264	

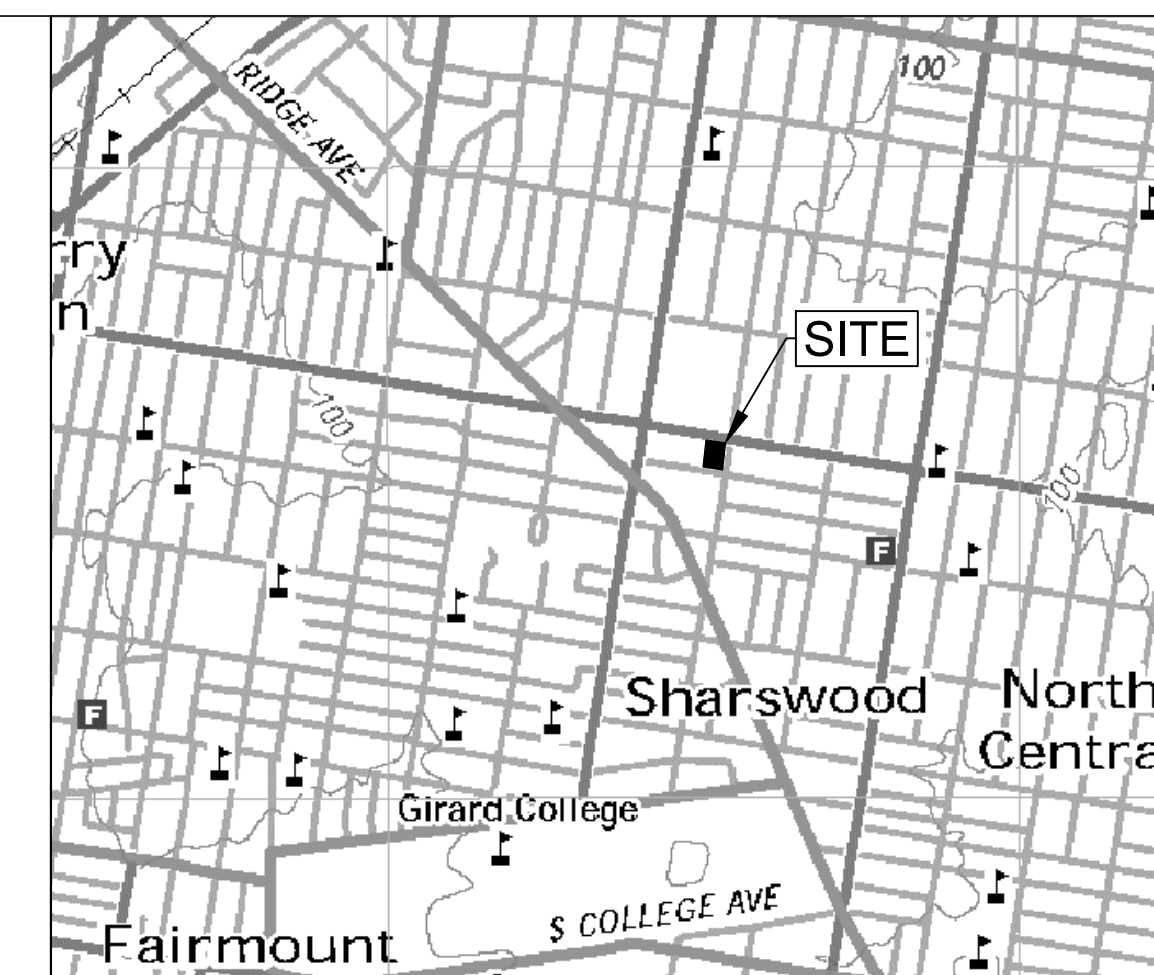
PROTECT YOURSELF



WHAT YOU DON'T KNOW CAN HURT YOU.

CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE & 10 WORKING DAYS IN DESIGN STAGE

Pennsylvania One Call System, Inc.
1-800-242-1776

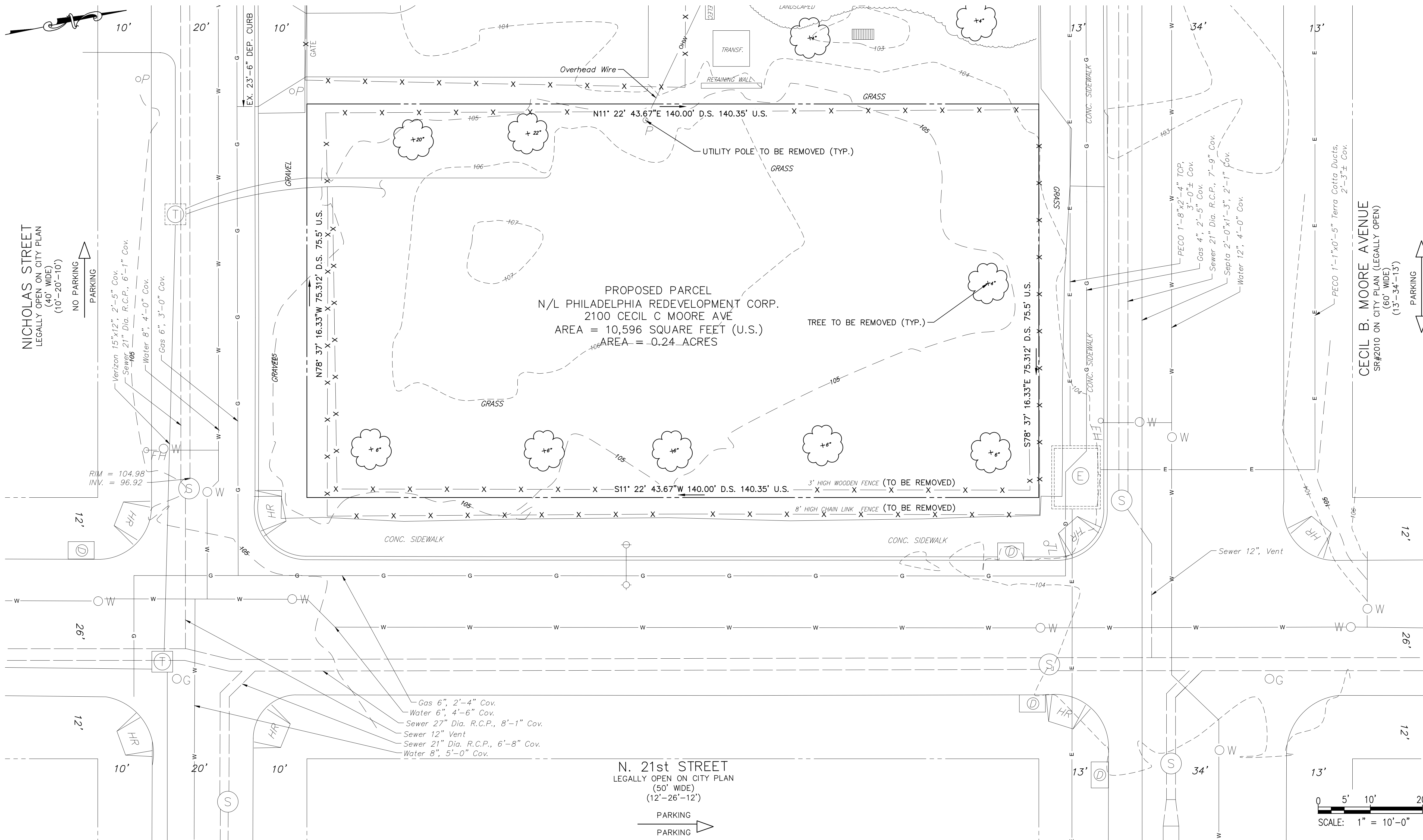


VICINITY MAP

1" = 1000'
DELAWARE DIRECT SOUTH WATERSHED

REVISIONS

ISSUE	DATE	REVISIONS



SITE LOCATION:
2100 CECIL B. MOORE AVE
PHILADELPHIA, PA 19121

PROPERTY OWNER:
PHILA. REDEVELOPMENT AUTHORITY
1234 MARKET STREET, 16TH FLOOR
PHILADELPHIA, PA 19107

DESIGN DEVELOPMENT

PROJECT COORDINATOR

MICHELLE SHUMAN

SMPARCHITECTS
1600 Walnut Street, 2nd Floor
Philadelphia, Pennsylvania 19103
215 985 4410 fax 985 4430

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MARTIN LUTHER KING
OLDER ADULT CENTER
21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

DRAWING TITLE
**EXISTING SITE AND
REMOVALS PLAN**

PROJECT NO.
20-11-4199-99

DATE
7-2-2015

SCALE
SEE DWG.

DRAWN BY
SEG

CHECKED BY
DJH

C01

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

0 5' 10' 20'
SCALE: 1" = 10'-0"

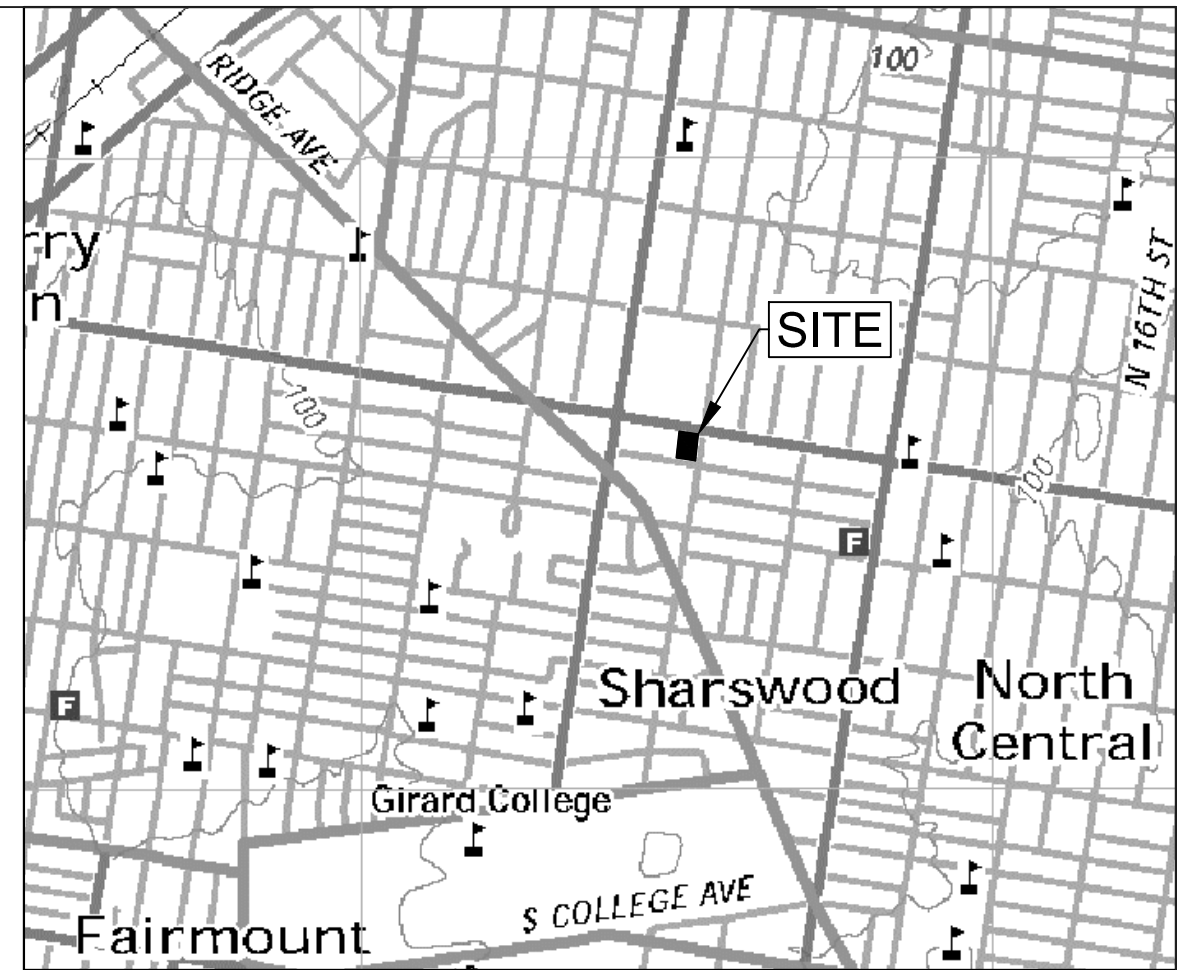
LEGEND

EXISTING	PROPOSED

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- INFORMATION PERTAINING TO LOTS OTHER THAN THE SUBJECT PARCEL IS SHOWN FOR INFORMATIONAL PURPOSES ONLY.
- SITE LIES WITHIN THE MAPPED LIMITS OF FLOOD ZONE X, AS SHOWN ON THE FEMA FLOOD INSURANCE RATE MAP COMMUNITY-PANEL NO. 4207570181G, DATED 1/17/2007 FOR THE CITY OF PHILADELPHIA.
- PROJECT SITE IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE AND THERE ARE NO WETLANDS ON SITE
- SEE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS.

ACT 187	
IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE PENNSYLVANIA ACT 187 AND TO CONTACT THE "ONE CALL SYSTEM" THREE (3) WORKING DAYS (UNLESS OTHERWISE NOTED) PRIOR TO START OF CONSTRUCTION.	
PENNSYLVANIA ONE CALL: 1-800-242-1776	
PHILADELPHIA WATER DEPARTMENT 1101 MARKET STREET, 2ND FLOOR PHILADELPHIA, PENNSYLVANIA 19107 (215) 685-6270	VERIZON 900 RACE STREET PHILADELPHIA, PENNSYLVANIA 19107 (215) 351-8947
PHILADELPHIA GAS WORKS 800 W. MONTGOMERY AVENUE, 3RD FLOOR PHILADELPHIA, PENNSYLVANIA 19122 (215) 684-6796	COMCAST 1351 S. COLUMBUS BOULEVARD PHILADELPHIA, PENNSYLVANIA 19147 (215) 952-4935
PECO-CONSTRUCTION DEPARTMENT 2301 MARKET STREET PHILADELPHIA, PENNSYLVANIA 19103 (215) 731-3264	



VICINITY MAP

1" = 1000'
DELAWARE DIRECT SOUTH WATERSHED

PROTECT YOURSELF

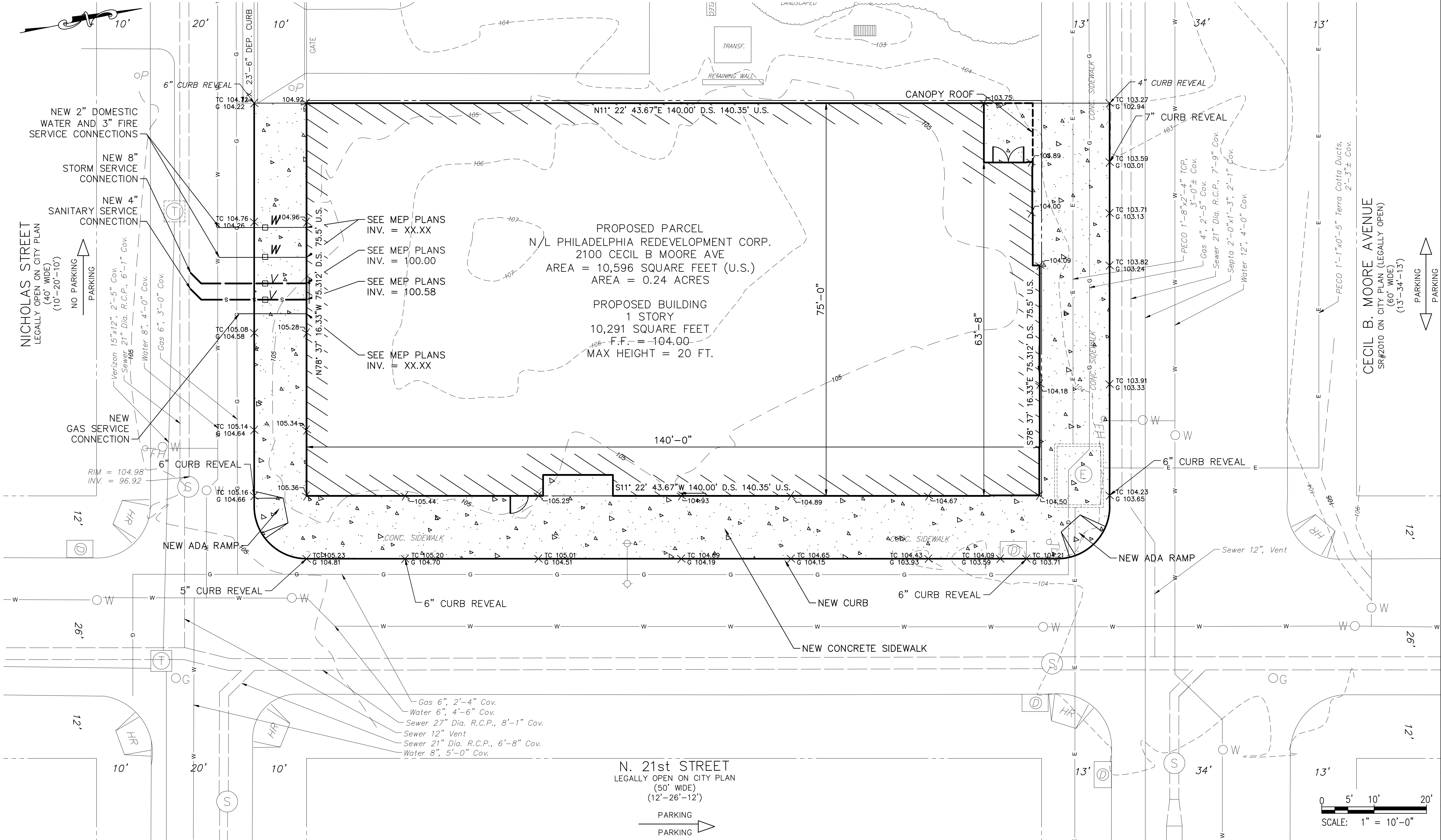


WHAT YOU DON'T KNOW CAN HURT YOU.

CALL BEFORE YOU DIG! PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE & 10 WORKING DAYS IN DESIGN STAGE
Pennsylvania One Call System, Inc.
1-800-242-1776

REVISIONS

ISSUE	DATE	REVISIONS



DESIGN DEVELOPMENT

PROJECT COORDINATOR
MICHELLE SHUMAN

SMPARCHITECTS
1600 Walnut Street, 2nd Floor
Philadelphia, Pennsylvania 19103
215 985 4410 fax 985 4430

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY

1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MARTIN LUTHER KING
OLDER ADULT CENTER
21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

PROPOSED SITE PLAN

PROJECT NO.
20-11-4199-99

DATE
7-2-2015

SCALE
SEE DWG.

DRAWN BY
SEG

CHECKED BY
DJH

DRAWING NO.
C02

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

SITE LOCATION:
2100 CECIL B. MOORE AVE
PHILADELPHIA, PA 19121

PROPERTY OWNER:
PHILA. REDEVELOPMENT AUTHORITY
1234 MARKET STREET, 16TH FLOOR
PHILADELPHIA, PA 19107

N. 21st STREET
LEGALLY OPEN ON CITY PLAN
(50' WIDE)
(12'-26'-12')

SCALE: 1" = 10'-0"

LEGEND

EXISTING	PROPERTY LINES	PROPOSED	CURB LINE
	EASEMENT LINES		SANITARY SEWER
	GAS LINE		STORM SEWER
	TELEPHONE CONDUIT		DOMESTIC WATER
	POTABLE WATER		GAS
	SEWER		TELEPHONE CONDUIT
	ELECTRIC CONDUIT		ELECTRICAL CONDUIT
	ELECTRIC OVERHEAD LINE		ELEC. OVERHEAD LINE
	FENCE		SEWER VENT/FRESH AIR INLET (FAI)
	ELECTRIC MANHOLE		WATER METER
	TELEPHONE MANHOLE		ADA RAMP
	SANITARY MANHOLE		COMPOST FILTER SOCK
	WATER MANHOLE		INLET PROTECTION
	WATER VALVE		CONSTRUCTION ENTRANCE
	GAS VALVE		
	FIRE HYDRANT		
	UTILITY POLE/STREET LIGHT		
	INLET		
	TREE		

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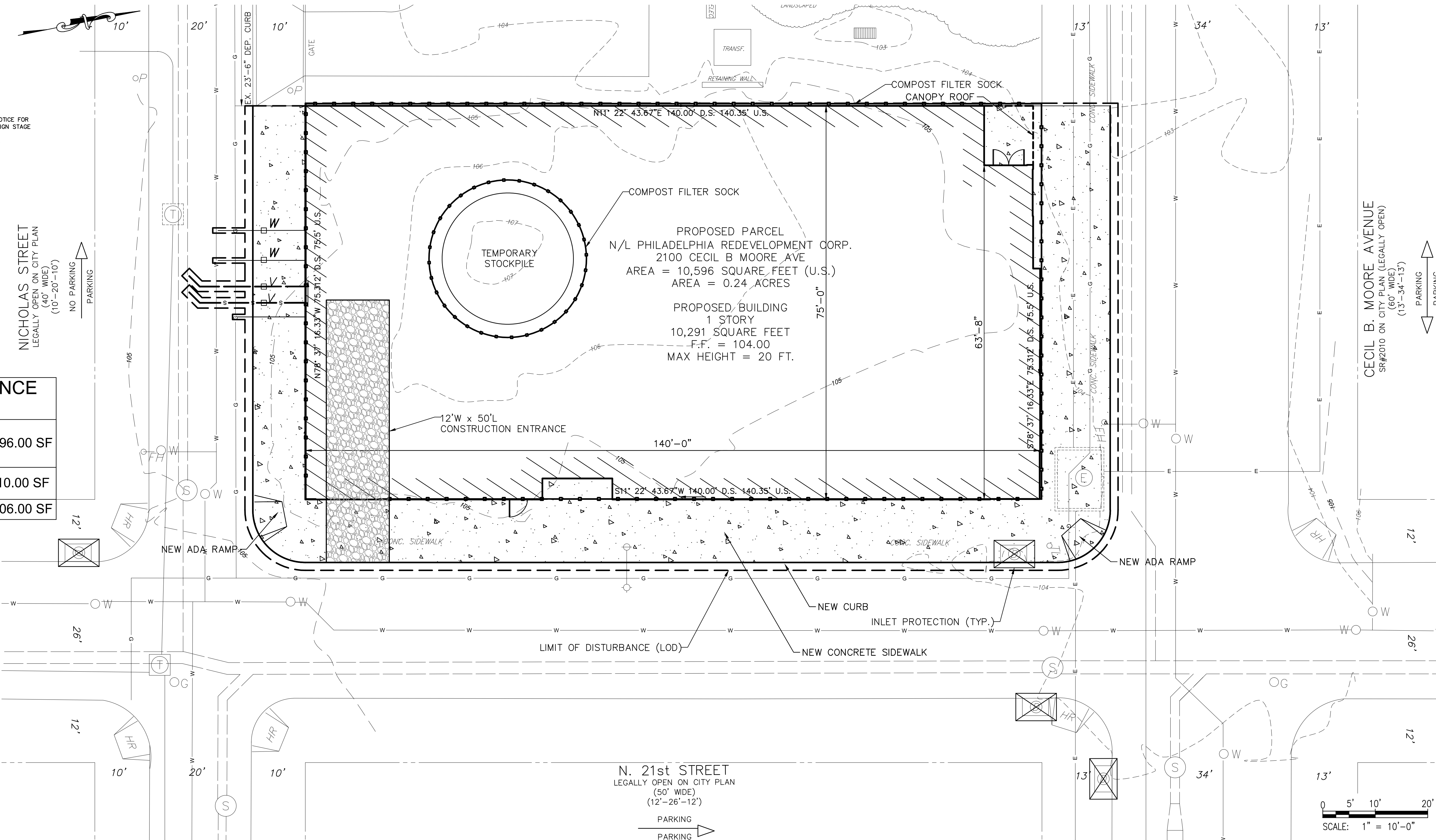
PECO-CONSTRUCTION DEPARTMENT
2301 MARKET STREET
PHILADELPHIA, PENNSYLVANIA 19103
(215) 731-3264



VICINITY MAP
1" = 1000'
DELAWARE DIRECT SOUTH WATERSHED

SOIL SYMBOL	SOIL DESCRIPTION	% OF SITE	HYDROLOGIC GROUP	NATURAL DRAINAGE CLASS	RUNOFF CLASS	HYDRIC SOIL	SLOPE RANGE	DEPTH
Ub	URBAN-LAND	100.00%	D	POORLY DRAINED	VERY HIGH	NO	0-8%	0"-10"

PROTECT YOURSELF



SITE DISTURBANCE SUMMARY

LOD OUTSIDE THE PUBLIC R.O.W.	10,596.00 SF
LOD WITHIN THE PUBLIC R.O.W.	4,210.00 SF
TOTAL LOD	14,806.00 SF

SITE LOCATION:
2100 CECIL B. MOORE AVE
PHILADELPHIA, PA 19121

PROPERTY OWNER:
PHILA. REDEVELOPMENT AUTHORITY
1234 MARKET STREET, 16TH FLOOR
PHILADELPHIA, PA 19107

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

PROJECT COORDINATOR
MICHELLE SHUMAN

SMPARCHITECTS
1600 Walnut Street, 2nd Floor
Philadelphia, Pennsylvania 19103
215 985 4410 fax 985 4430

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MARTIN LUTHER KING
OLDER ADULT CENTER**
21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

DRAWING TITLE
**EROSION AND SEDIMENT
CONTROL PLAN**

PROJECT NO. 20-11-4199-99	DRAWING NO. C03
DATE 7-2-2015	SCALE SEE DWG.
DRAWN BY SEG	CHECKED BY DJH

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

EROSION AND SEDIMENT CONTROL NOTES

1. CONTACT THE CITY OF PHILADELPHIA AND SOUTHEAST REGIONAL OFFICE OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION TO SCHEDULE AN ON-SITE PRE-CONSTRUCTION MEETING AT LEAST 5 DAYS PRIOR TO THE START OF EARTH DISTURBANCE.
2. AT LEAST 3 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM INCORPORATED AT 1-800-242-1776 FOR BURIED UTILITIES LOCATIONS.
3. ALL SEDIMENT AND EROSION CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED. SEE THE SEQUENCE OF CONSTRUCTION, EROSION AND SEDIMENT BMP'S MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMP'S.
4. PRIOR TO ANY SITE GRADING, SOIL EROSION FACILITIES SHALL BE INSTALLED TO ALLOW THE MAJORITY OF STORM FLOW TO BE TRANSPORTED TO THE PROPOSED OUTLET WITHOUT ERODING THE SITE. SEE SEQUENCE OF CONSTRUCTION.
5. THE OPERATOR SHALL ASSURE THAT AN EROSION AND SEDIMENT CONTROL PLAN HAS BEEN PREPARED, APPROVED BY THE APPROPRIATE CONSERVATION DISTRICT, AND IS BEING IMPLEMENTED AND MAINTAINED FOR ALL SOIL AND/OR ROCK SPOIL AND BORROW AREAS, REGARDLESS OF THEIR LOCATIONS.
6. BEFORE INITIATING ANY REVISIONS TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED E&S CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE PHILADELPHIA WATER DEPARTMENT.
7. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES.
8. ALL VEHICLES AND EQUIPMENT MUST ENTER OR EXIT THROUGH CONSTRUCTION ENTRANCES.
9. UNTIL THE SITE ACHIEVES FINAL STABILIZATION, THE PERMITTEE AND COPERMITTEE SHALL ASSURE THAT THE BEST MANAGEMENT PRACTICES ARE IMPLEMENTED, OPERATED, AND MAINTAINED PROPERLY AND COMPLETELY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL BEST MANAGEMENT PRACTICE FACILITIES AND MAINTAIN AND MAKE AVAILABLE TO THE PHILADELPHIA WATER DEPARTMENT COMPLETE, WRITTEN INSPECTION LOGS OF ALL THOSE INSPECTIONS. ALL MAINTENANCE WORK, INCLUDING CLEANING, REPAIR, REPLACEMENT, REGRADING, RESEEDING, AND RESTABILIZATION SHALL BE PERFORMED IMMEDIATELY.
10. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMP'S MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT BMP'S AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTIVE AND REMEDIAL MAINTENANCE WORK INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RENETTING, MUST BE PERFORMED IMMEDIATELY. IF EROSION AND SEDIMENT CONTROL BMP'S FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMP'S OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
11. UPON COMPLETION OR TEMPORARY CESSATION OF THE EARTH DISTURBANCE ACTIVITY, OR ANY STAGE THEREOF, THE PROJECT SITE SHALL BE IMMEDIATELY STABILIZED. THE DISTURBED AREAS WILL BE MULCHED WITH UNROTTED STRAW OR SALT HAY AT A MINIMUM RATE OF 1,000 SQUARE YARDS PER AN EQUIVALENT MEASURE ACCORDING TO THE STATE STANDARDS. SEE SITE STABILIZATION METHODS BELOW.
12. PERMANENT VEGETATION TO BE SEEDED OR SODED ON ALL EXPOSED AREAS WITHIN 10 DAYS AFTER FINAL GRADING. MULCH TO BE USED AT A RATE OF 1,200 LBS. PER 1,000 SQUARE YARDS FOR PROTECTION UNTIL SEEDING IS ESTABLISHED. SEE SEEDING MIXTURE BELOW.
13. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PENNSYLVANIA EROSION AND SEDIMENT POLLUTION CONTROL PROGRAM MANUAL.
14. THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS OF THE APPENDIX 64, EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART 1, DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBPART C, PROTECTION OF NATURAL RESOURCES, ARTICLE III, WATER RESOURCES, CHAPTER 102, EROSION CONTROL.
15. IMMEDIATELY AFTER INITIAL SITE DISTURBANCE A CRUSHED STONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED WHEREVER A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. THIS STABILIZED CONSTRUCTION ENTRY WILL BE OF SUFFICIENT SIZE TO REDUCE OFF-SITE TRACKING OF SEDIMENT BY CONSTRUCTION TRAFFIC AND WILL BE MAINTAINED IN GOOD ORDER UNTIL ALL ROADWAYS ARE STABILIZED. MINIMUM DIMENSIONS SHALL BE MINIMUM 50' LONG X 20' WIDE X 8" THICK, UNDERLAIN WITH FILTER FABRIC, AND SHALL BE COMPOSED OF AASHTO NO. 1 STONE.
16. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OF ROUGH GRADING ALL CRITICAL AREAS SUBJECT TO EROSION, I.E.: STEEP SLOPES GREATER THAN 3H:1V, EMBANKMENTS, SWALES, AND CHANNELS WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT. SEE STABILIZATION MATERIALS BELOW.
17. ALL INLETS NOT TO BE USED AS SEDIMENT TRAPS SHALL BE TEMPORARILY PROTECTED BY FILTERS PLACED IMMEDIATELY AFTER THEIR CONSTRUCTION. FILTERS SHALL REMAIN IN PLACE UNTIL THE SITE IS PERMANENTLY STABILIZED.
18. STORMWATER INLETS WHICH DO NOT DISCHARGE TO SEDIMENT TRAPS OR BASINS, MUST BE PROTECTED UNTIL THE TRIBUTARY AREAS ARE STABILIZED.
19. ALL DISTURBED AREAS SHALL BE LIMED AND FERTILIZED PRIOR TO EITHER TEMPORARY OR PERMANENT SEEDING.
20. THE OPERATOR SHALL REMOVE FROM THIS SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 P.A. CODE 260.1 ET SEQ. 271.1 ET SEQ. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIAL OR WASTES AT THIS SITE.
21. ALL PERISHABLE AND OBJECTIONABLE MATERIAL INCLUDING BUT NOT LIMITED TO BOARDS, TREES, BRUSH, SHRUBS, LOGS, STUMPS, ROOTS, AND OTHER ORGANIC MATTER SHALL BE REMOVED FROM THE CONSTRUCTION SITE.
22. A SUBBASE COURSE SHALL BE CONSTRUCTED IMMEDIATELY FOLLOWING SITE GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS,

AND PARKING AREAS.

23. SEDIMENT MUST BE REMOVED FROM INLET PROTECTION WHEN SEDIMENT HAS ACCUMULATED TO THE CLEAN OUT ELEVATION.
24. INLET PROTECTION MUST BE PROTECTED FROM UNAUTHORIZED ACTS OF THIRD PARTIES.
25. FILTER FABRIC FENCE MUST BE INSTALLED AT LEVEL GRADE. BOTH ENDS OF EACH FENCE SECTION MUST EXTEND AT LEAST 10 FEET UPSLOPE AT 45 DEGREES TO MAIN FENCE ALIGNMENT.
26. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FENCE.
27. ANY FENCE SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET. SEE ROCK FILTER OUTLET DETAIL ON DRAWING 41.01.
28. SEDIMENT MUST BE REMOVED FROM INLET PROTECTION AFTER EACH STORM EVENT.
29. STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET. STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.
30. ANY DISTURBED AREA ON WHICH ACTIVITY HAS CEASED MUST BE STABILIZED IMMEDIATELY. DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT THE RECOMMENDED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REDISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH TEMPORARY SEEDING SPECIFICATIONS. DISTURBED AREAS WHICH ARE EITHER AT FINISHED GRADE OR WILL NOT BE REDISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH PERMANENT SEEDING SPECIFICATIONS.
31. TOPSOIL SHOULD BE FREE OF DEBRIS, SUCH AS WEEDS AND STONES, AND CONTAINS NO TOXIC SUBSTANCE THAT MAY BE HARMFUL TO PLANT GROWTH. TOPSOIL SHOULD BE SITUATED SO AS NOT TO OBSTRUCT NATURAL DRAINAGE OR CAUSE OFF-SITE ENVIRONMENTAL DAMAGE.
32. ALL FILL MATERIALS ARE TO BE FREE OF BRUSH, RUBBISH, TIMBER, LOGS, VEGETATIVE MATTER, AND SLUMPS IN AMOUNTS THAT WILL BE DETRIMENTAL TO CONSTRUCTING STABLE FILLS. ALL FILLS SHALL BE COMPACTED FOR THEIR INTENDED PURPOSES AND AS REQUIRED TO REDUCE SLIPPING EROSION, OR EXCESS SATURATION.
33. CONTRACTOR IS RESPONSIBLE THAT ALL FILL MATERIAL MEETS ALL STATE, LOCAL, AND FEDERAL ENVIRONMENTAL REQUIREMENTS.
34. CONTRACTOR TO MAINTAIN DUST CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION FOR ALL DISTURBED AREAS. THE CONTRACTOR WILL PROVIDE A WATER TRUCK ON-SITE AT ALL TIMES TO SPRAY THE DISTURBED AREAS AS NECESSARY.
35. DIVERSIONS, CHANNELS, SEDIMENTATION BASINS, SEDIMENT TRAPS, AND STOCKPILES MUST BE STABILIZED IMMEDIATELY.
36. ALL STORM DRAINAGE OUTLETS TO BE STABILIZED AS REQUIRED BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
37. TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES TO REMAIN IN PLACE UNTIL A UNIFORM EROSION RESISTANT PERENNIAL VEGETATIVE COVER IS ESTABLISHED OVER 75% OF EXPOSED AREAS.
38. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENTATION CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE CONTROL BMP'S MUST BE STABILIZED IMMEDIATELY.

SITE STABILIZATION METHODS (TEMPORARY & PERMANENT STABILIZATION)

1. HAY OR STRAW MULCH MUST BE APPLIED AT 3.0 TONS PER ACRE.
2. MULCH WITH MULCH CONTROL NETTING OR EROSION CONTROL BLANKETS MUST BE INSTALLED ON ALL SLOPES GREATER THAN 3:1.
3. STRAW MULCH SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN.

TEMPORARY SEEDING

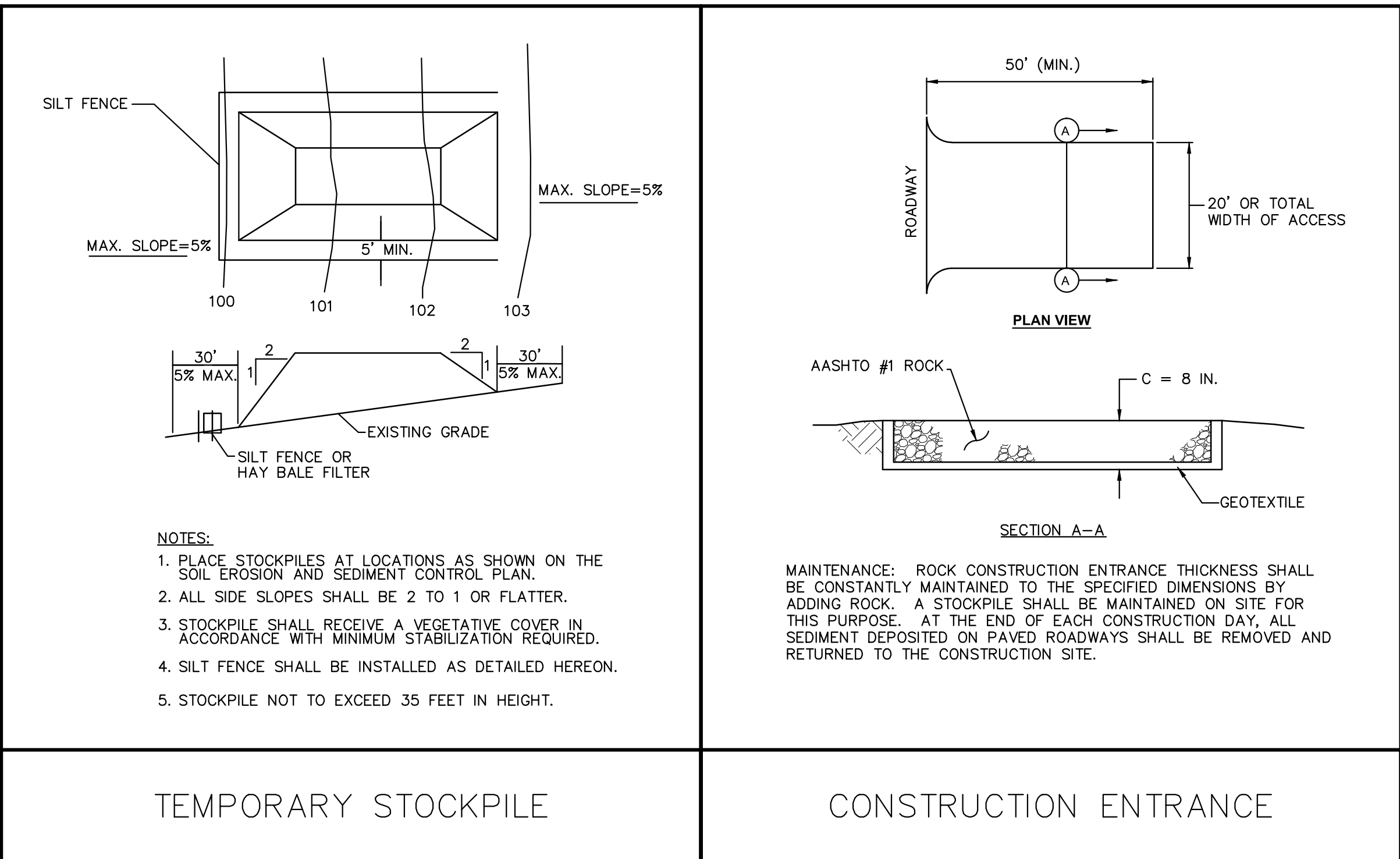
1. THE FOLLOWING SURFACES OF THE SITE SHALL BE TEMPORARILY SEEDDED AND MULCHED:
A. THE SURFACE OF TOPSOIL STOCKPILES.
B. THE SURFACE OF EXPOSED EARTH AREAS THAT WILL BE EXPOSED WITHOUT CONSTRUCTION ACTIVITY THEREON.
2. SEEDING SHALL OCCUR IMMEDIATELY AFTER ESTABLISHMENT OF THE TOPSOIL STOCKPILES OR ROUGH GRADED AREAS. THE FOLLOWING SHALL BE PLANTED:
A. 40 LBS./ACRE ANNUAL RYE GRASS – COMMON, 100% P.L.S.
B. PREPARE AREAS TO BE SEEDDED AS FOLLOWS:
A. REMOVE ALL DEBRIS, INCLUDING LARGE STONES, 3H:1V AT A RATE OF 3 TONS PER ACRE AND FERTILIZER AT THE RATE OF 50-50-50 PER ACRE AND WORK INTO SOIL.
B. SOW SEED AT THE INDICATED RATE. DIVIDE SEED INTO TWO EQUAL LOTS, SOW ONE LOT IN ONE DIRECTION. SOW SECOND LOT AT RIGHT ANGLE TO FIRST. RAKE SEEDED AREA SLIGHTLY. ROLL SURFACE LIGHTLY TO FIRM SOIL AROUND SEED.
4. PLACE CLEAN DRY STRAW OR HAY MULCH WITHIN 48 HOURS AFTER SEEDING. PLACE AT THE RATE OF 3 TONS PER ACRE.
5. SEEDING DATES SHALL BE BETWEEN MARCH 1 AND NOVEMBER 15.

TEMPORARY MULCHING

1. MULCH PROPOSED LANDSCAPE AREAS OR TOPSOIL STOCKPILES IF EARTHWORK IS COMPLETED OUTSIDE OF THE RECOMMENDED PLANTING SEASONS FOR TEMPORARY SEEDING OR DUE TO UNFAVORABLE WEATHER CONDITIONS.
2. MULCH SHALL BE APPLIED IMMEDIATELY FOLLOWING THE ESTABLISHMENT OF THE TOPSOIL STOCKPILE OR ROUGH GRADING.
3. MULCH WITH SUITABLE FIBROUS GROUND, SHREDDED AGED HARDWOOD, PINE WOOD BARK OR STRAW, UNIFORMLY AND CONTINUOUSLY TO A LOOSE DEPTH OF 3 INCHES MINIMUM. ANCHOR AS REQUIRED.

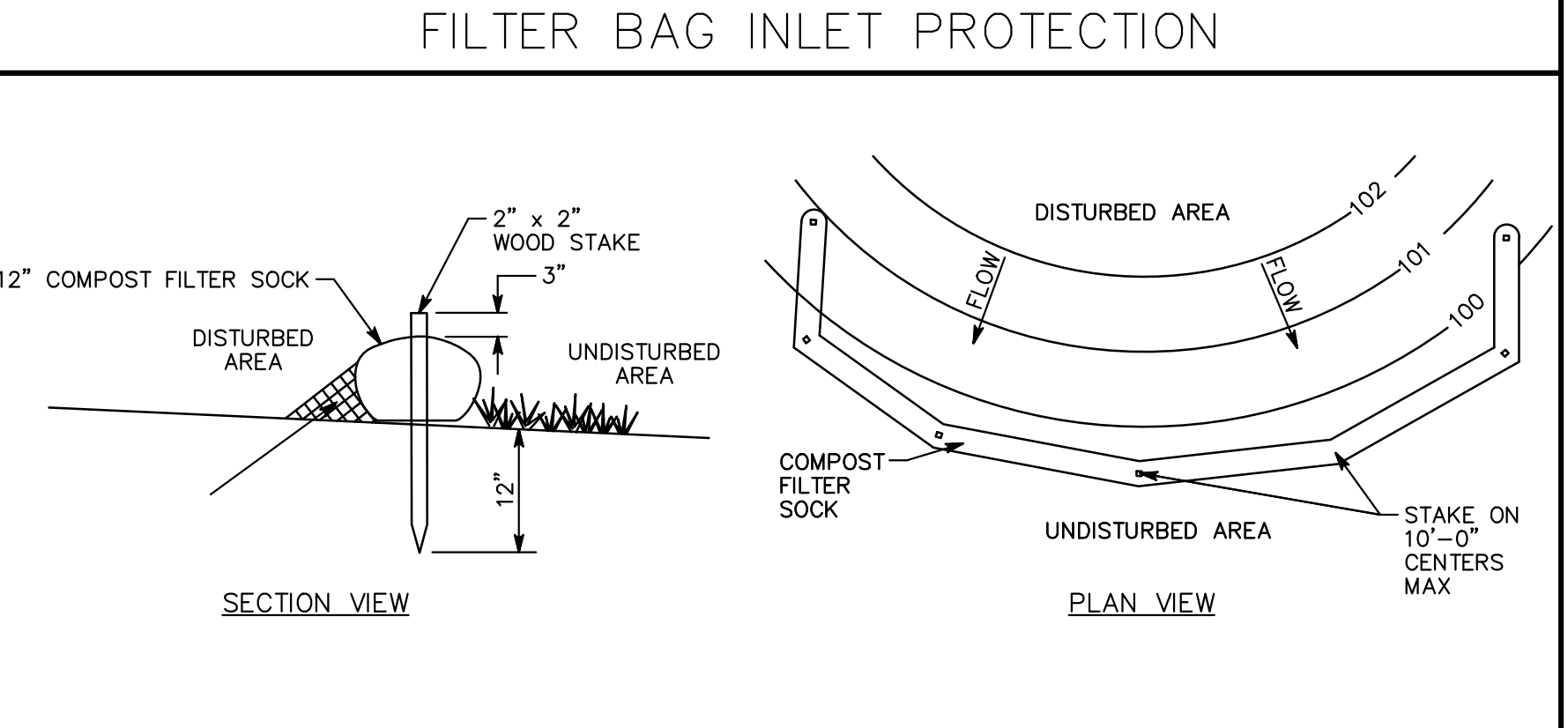
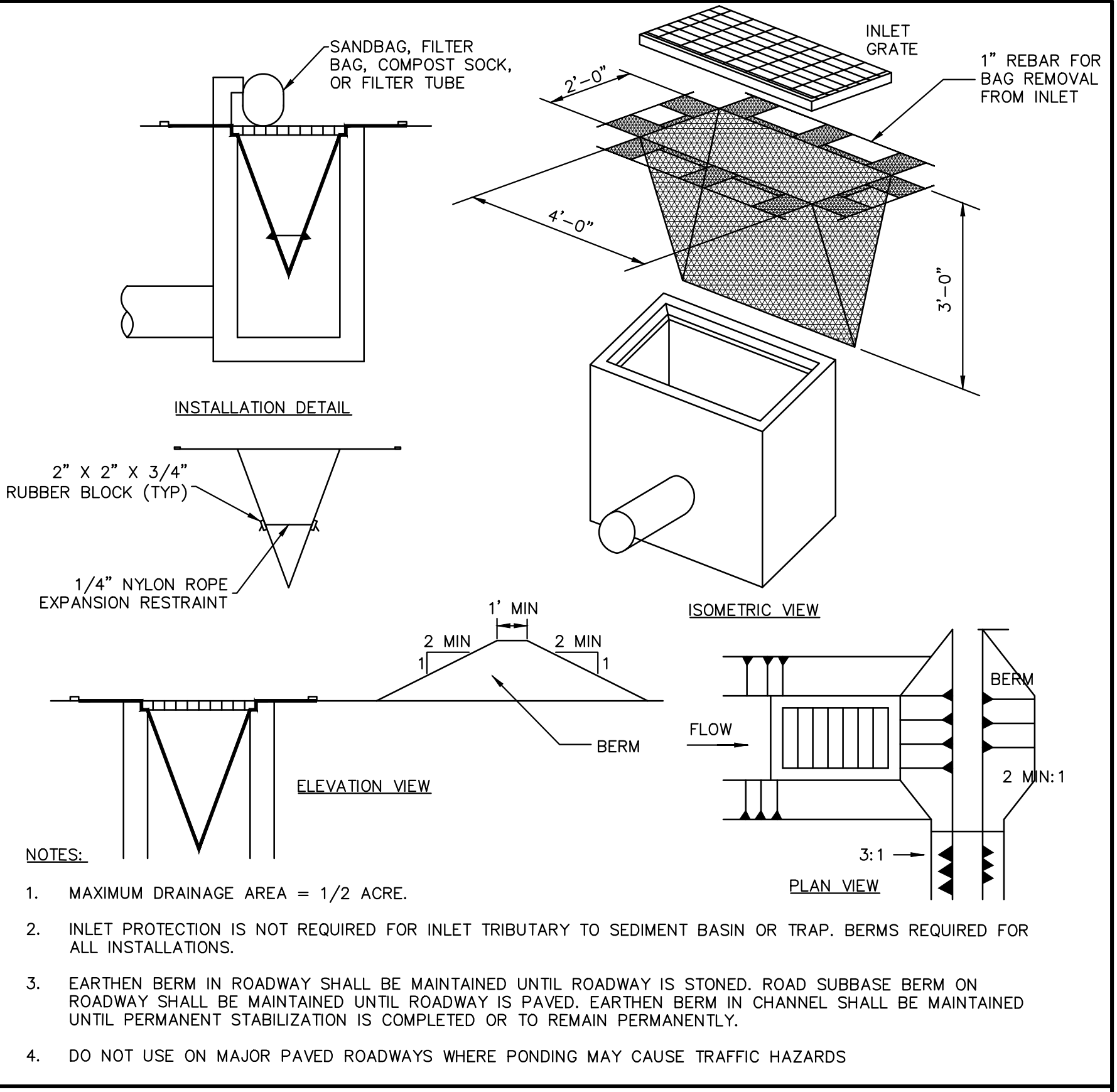
CONSTRUCTION SEQUENCE:

1. AT LEAST 7 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE OPERATOR SHALL INVITE ALL CONTRACTORS INVOLVED IN EARTH MOVING ACTIVITIES, THE LANDOWNER, ALL APPROPRIATE CITY OFFICIALS, THE EROSION AND SEDIMENT CONTROL PREPARER, AND REPRESENTATIVE OF THE CITY OF PHILADELPHIA EROSION AND SEDIMENT CONTROL OFFICE TO AN ON-SITE MEETING.
2. AT LEAST 3 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM INCORPORATED AT 1-800-242-1776 FOR BURIED UTILITY LOCATIONS.
3. PRIOR TO ANY EARTH DISTURBANCE, THE INSPECTIONS COORDINATOR OF PWD (OFFICE 215-685-6387) MUST BE CALLED TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH PWD'S EROSION AND SEDIMENT CONTROL INSPECTION GROUP.
4. INSTALL COMPOST FILTER SOCK DOWNHILL FROM ALL EARTH MOVING ACTIVITIES. ALTHOUGH OFF SITE AREAS ARE PAVED, COMPOST FILTER SOCK OR OTHER EROSION CONTROL PRACTICES SHALL BE INSTALLED AROUND THE PERIMETER OF THE SITE AS SHOWN ON THE PLAN.
5. INSTALL INLET PROTECTION AS SHOWN ON THE PLAN. EXISTING INLETS SHALL BE PROTECTED THROUGHOUT THE DURATION OF THE CONSTRUCTION.
6. INSTALL CONSTRUCTION ENTRANCE AS SHOWN AND IN ACCORDANCE WITH THE CONSTRUCTION ENTRANCE DETAIL.
7. CLEAR AND GRUB SITE, DEMOLISH EXISTING PAVING, CURBING, TREES, FENCE, OVERHEAD UTILITIES AND SIDEWALK, DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AND DISCARDED IN ACCORDANCE WITH APPLICABLE CITY, STATE AND FEDERAL REGULATIONS.
8. INSTALL PROPOSED UNDERGROUND UTILITIES WHICH INCLUDE BUT NOT LIMITED TO WATER, SANITARY SEWER, GAS, ELECTRIC AND STORM WATER COLLECTION. STUB OUT SERVICE LINES FOR PROPOSED BUILDING.
9. BEGIN CONSTRUCTION OF BUILDING FOUNDATION AND WALLS.
10. CONSTRUCT FULL DEPTH CURBS AND SIDEWALKS INCLUDING HANDICAP RAMPS.
11. FINALIZE CONSTRUCTION OF BUILDING.
12. TOPSOIL AND SEED GRASSSED AREAS.
13. SWEEP PAVED AREAS TO PREVENT TRACKING OF SOIL OFF-SITE.
14. REMOVE SOIL EROSION MEASURES AFTER SITE HAS BEEN STABILIZED.



REVISIONS

ISSUE	DATE	REVISIONS



1. REMOVE DEPOSITS WHEN SEDIMENT ACCUMULATION IS ONE HALF THE HEIGHT OF THE EXPOSED COMPOST FILTER SOCK.
2. PLACE COMPOST FILTER SOCK ON LEVEL GRADE. EXTEND BOTH ENDS OF THE COMPOST FILTER SOCK AT LEAST 8'-0" UPSLOPE AT 45 DEGREES TO THE MAIN ALIGNMENT.
3. REPLACE BIODEGRADABLE FILTER SOCK AFTER 6 MONTHS; PHOTODEGRADABLE AFTER 12 MONTHS.
4. ALL DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.
5. CONTRACTOR SHALL PROVIDE SAND BAGS, CONCRETE BLOCKS, OR OTHER SUITABLE MATERIAL TO STABILIZE COMPOST FILTER SOCK ON PAVED AREAS AND PREVENT IT FROM MOVING OR SHIFTING.
6. STABILIZING DEVICES SHALL BE SPACED 10 FEET ON CENTER OR AS RECOMMENDED BY THE MANUFACTURER, WHICHEVER IS LESS.

PROTECT YOURSELF

CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE & 10 WORKING DAYS IN DESIGN STAGE
Pennsylvania One Call System, Inc.
1-800-242-1776

ACT 187

IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE PENNSYLVANIA ACT 187 AND TO CONTACT THE "ONE CALL SYSTEM" THREE (3) WORKING DAYS (UNLESS OTHERWISE NOTED) PRIOR TO START OF CONSTRUCTION.

PENNSYLVANIA ONE CALL: 1-800-242-1776

PHILADELPHIA WATER DEPARTMENT 1101 MARKET STREET, 2ND FLOOR PHILADELPHIA, PENNSYLVANIA 19107 (215) 685-6270	VERIZON 900 RACE STREET PHILADELPHIA, PENNSYLVANIA 19107 (215) 351-8947
PHILADELPHIA GAS WORKS 1000 W. MONTGOMERY AVENUE, 3RD FLOOR PHILADELPHIA, PENNSYLVANIA 19122 (215) 684-6796	COMCAST 1331 S. COLUMBUS BOULEVARD PHILADELPHIA, PENNSYLVANIA 19147 (215) 952-4935

PECO-CONSTRUCTION DEPARTMENT
2301 MARKET STREET
PHILADELPHIA, PENNSYLVANIA 19103
(215) 731-3264

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA, PENNSYLVANIA

PROJECT TITLE: **EROSION AND SEDIMENT CONTROL NOTES AND DETAILS**

PROJECT NO.: 20-11-4199-99

DRAWING NO.: **C04**

DATE: 7-2-2015

SCALE: SEE DWG.

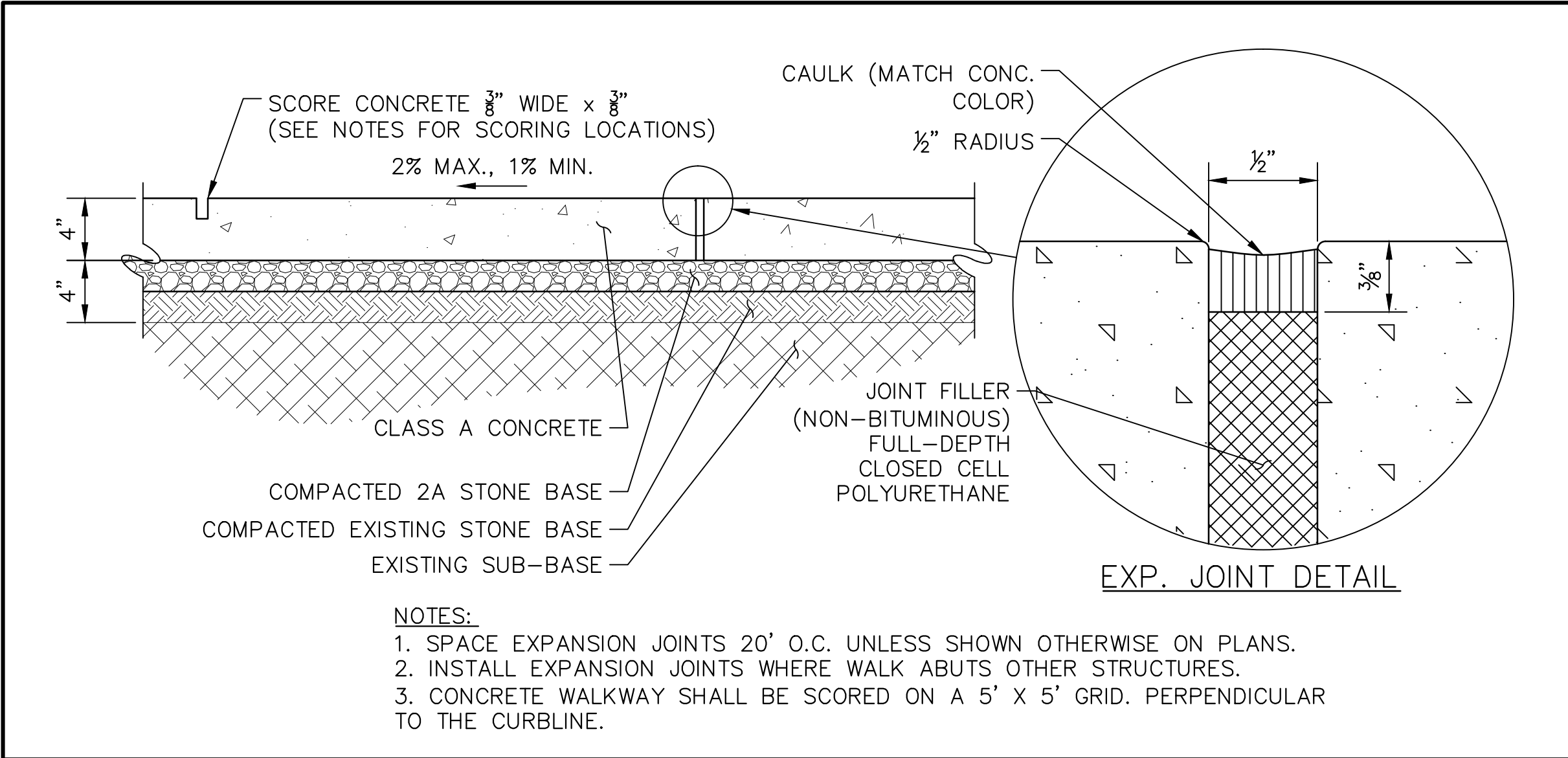
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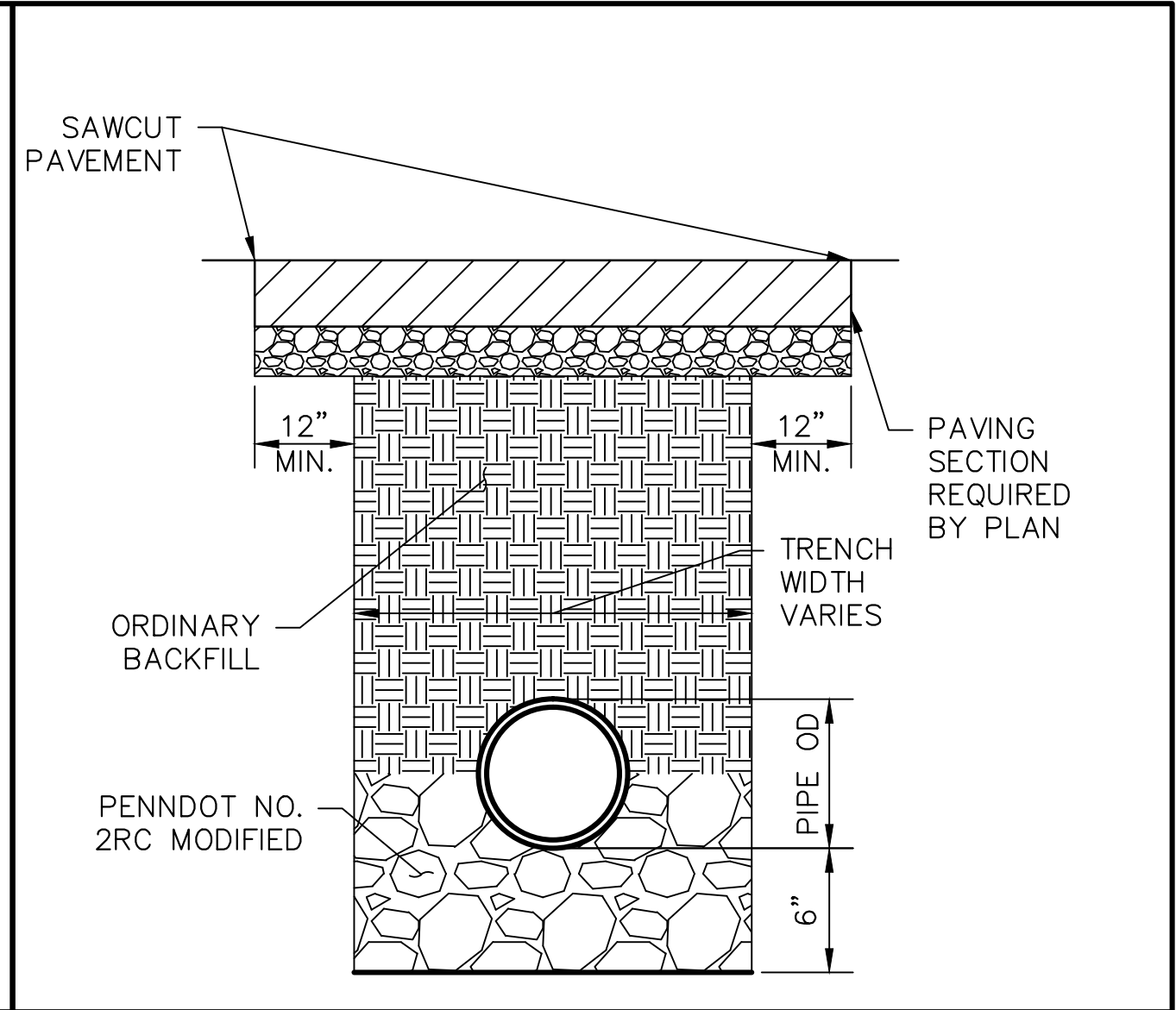
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

REVISIONS

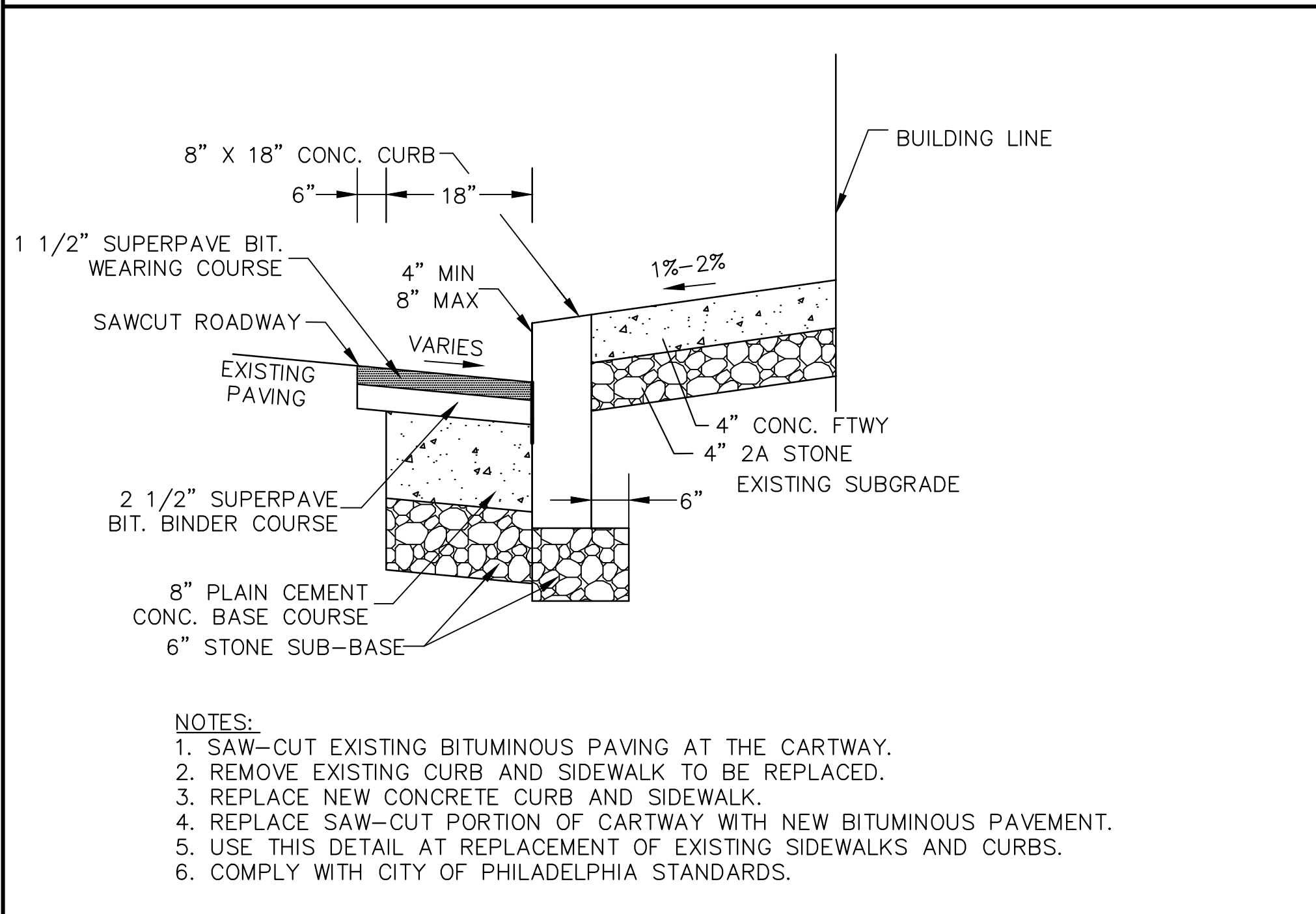
ISSUE	DATE	REVISIONS



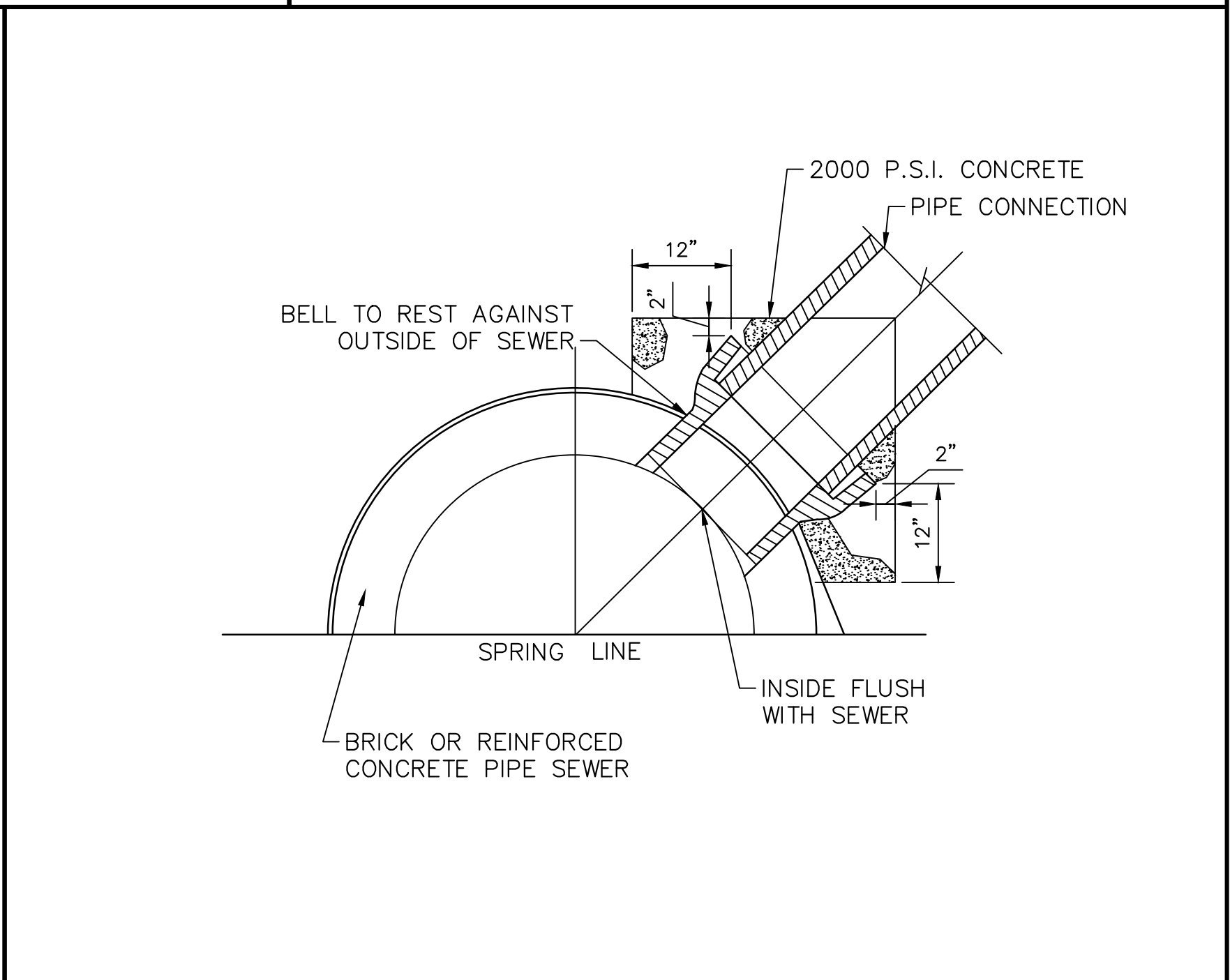
CONCRETE FOOTWAY DETAIL



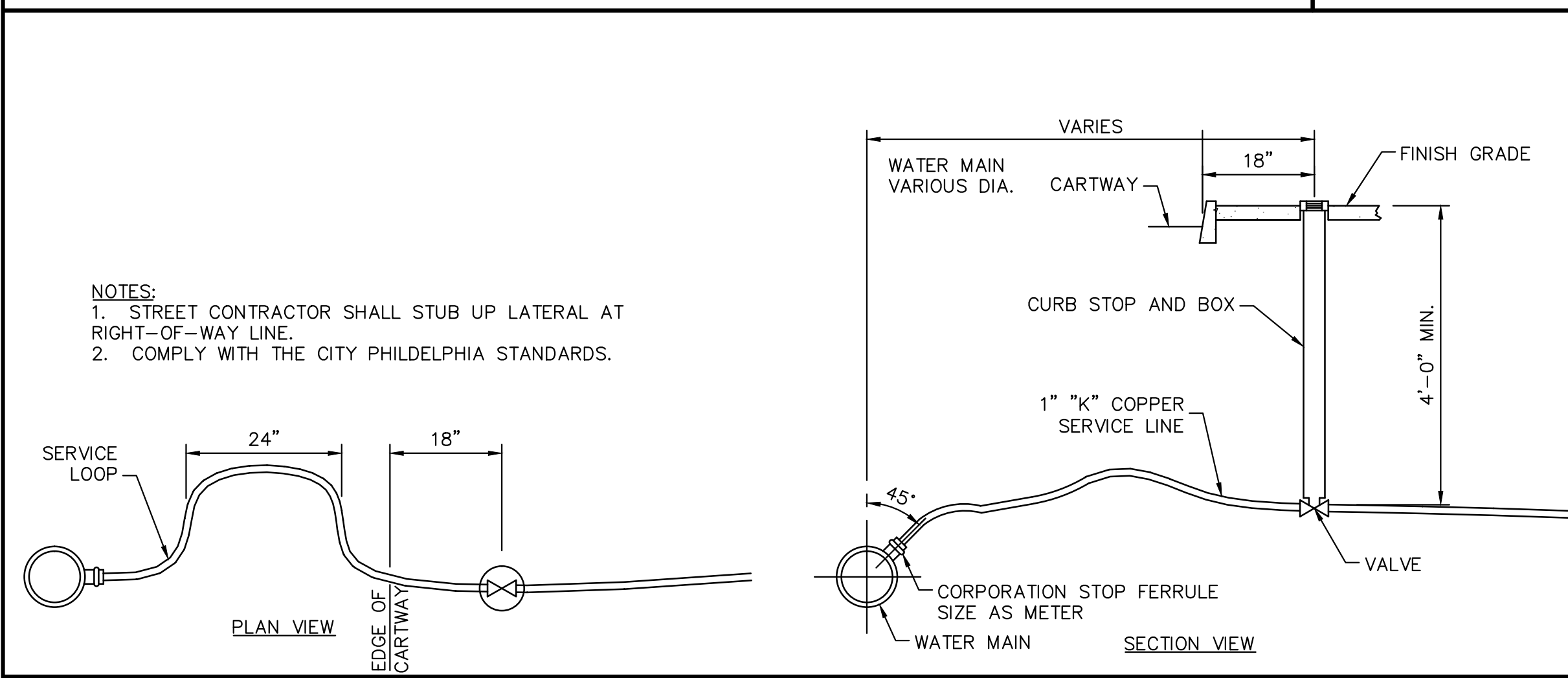
TRENCH RESTORATION DETAIL



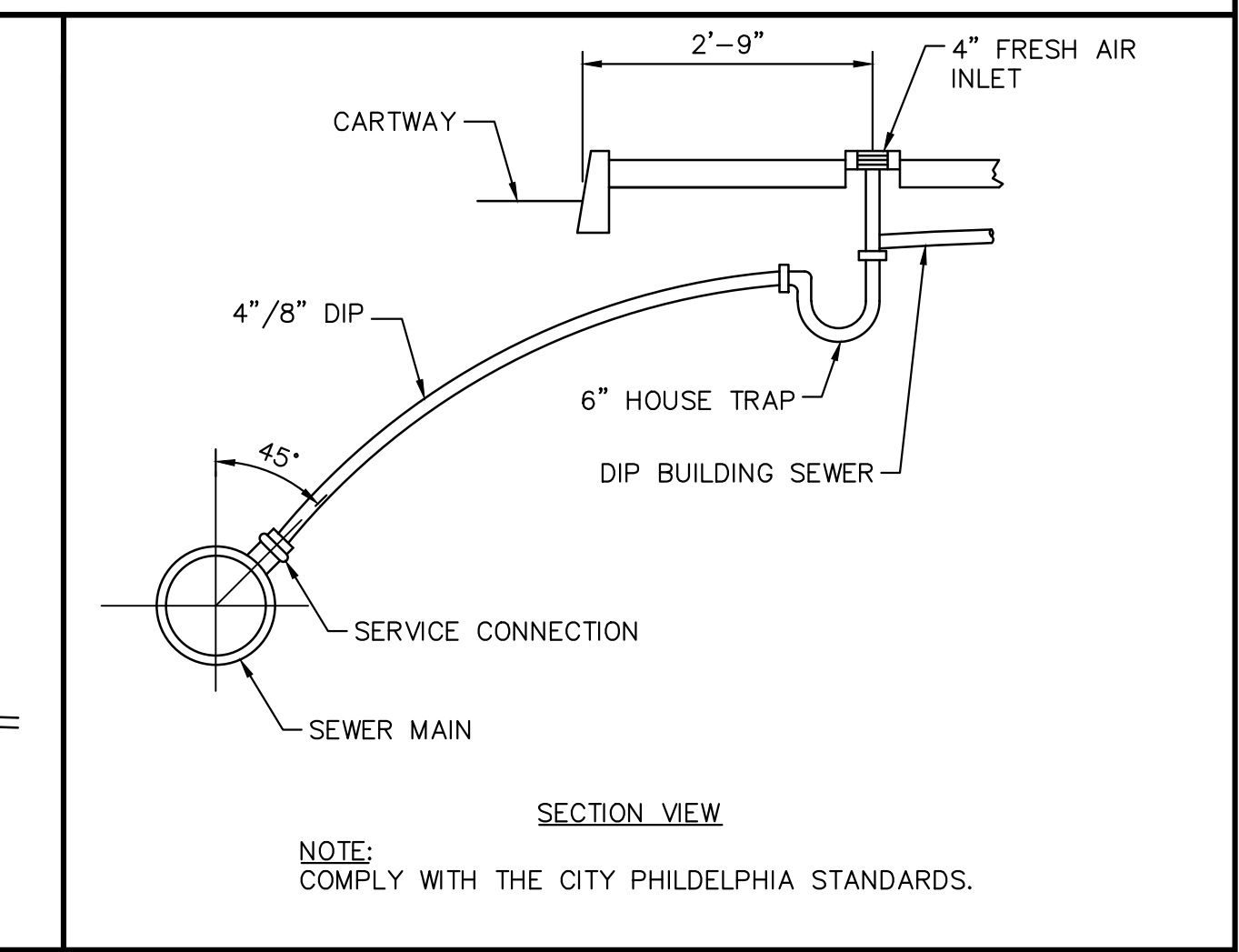
CONCRETE CURB DETAIL



SADDLE CONNECTION TO BRICK OR R.C. PIPE SEWERS



WATER SERVICE CONNECTION DETAIL



SEWER SERVICE CONNECTION DETAIL

DESIGN DEVELOPMENT

PROJECT COORDINATOR
MICHELLE SHUMAN

SMPARCHITECTS
1600 Walnut Street, 2nd Floor
Philadelphia, Pennsylvania 19103
215 985 4410 fax 985 4430

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MARTIN LUTHER KING
OLDER ADULT CENTER
21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

DRAWING TITLE
CONSTRUCTION DETAILS

PROJECT NO.
20-11-4199-99

DATE
7-2-2015

SCALE
NTS

DRAWN BY
SEG

CHECKED BY
DJH

DRAWING NO.
C05

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

GOVERNING CODES

INTERNATIONAL BUILDING CODE (IBC) 2009
 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) 2009
 INTERNATIONAL FIRE CODE (IFC) 2009
 ICC/ANSI 117.1 2003
 PHILADELPHIA PLUMBING CODE

CODE CHAPTER 3 CHAPTER HEADING USE AND OCCUPANCY CLASSIFICATION

303.1 GROUP A-3 ASSEMBLY USES INTENDED FOR RECREATION.
 TOTAL OCCUPANT LOAD: 342 OCCUPANTS.

5 GENERAL BUILDING HEIGHTS AND AREAS

ALLOWABLE HEIGHT FOR GROUP A-3 (WITH SPRINKLER INCREASE): 3 STORIES OR 75 FEET
 ALLOWABLE BUILDING AREA PER STORY FOR GROUP A-3 (WITH SPRINKLER INCREASE): 39,595 SF
 *39,450 (ALLOWABLE AREA PER STORY) = 9,745SF + 1,050 (FRONTAGE INCREASE) + 28,800 (SPRINKLER INCREASE)

ACTUAL BUILDING HEIGHT IS 1 STORY AND AREA (WITHIN EXTERIOR WALLS) IS 9,745 SF

6 TYPES OF CONSTRUCTION

TABLE 601 TYPE IIB
 FIRE-RESISTANCE RATED CONSTRUCTION FOR BUILDING ELEMENTS
 PRIMARY STRUCTURAL FRAME, 0-HOURS
 BEARING WALLS (INTERIOR), 0-HOUR
 BEARING WALLS (EXTERIOR), 0-HOURS
 NONBEARING WALLS AND PARTITIONS (INTERIOR), 0-HOUR
 NONBEARING WALLS AND PARTITIONS (EXTERIOR), 0-HOURS IF 10'-0" ≥ 30'-0"
 FIRE SEPARATION
 FLOOR CONSTRUCTION AND SECONDARY MEMBERS, 0-HOURS
 ROOF CONSTRUCTION AND SECONDARY MEMBERS, 0-HOURS

4 SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

417 THE ART CLASSROOM WILL BE EQUIPPED WITH A BUILT-IN KILN ROOM. A DRY KILN INSTALLED WITHIN A BUILDING SHALL BE CONSTRUCTED ENTIRELY OF APPROVED NONCOMBUSTIBLE MATERIALS OR ASSEMBLIES OF SUCH MATERIALS.

9 FIRE PROTECTION SYSTEMS

903.2.1.3 AUTOMATIC SPRINKLER ARE REQUIRED IN GROUP A-3 OCCUPANCIES WHERE ONE OF THE FOLLOWING EXISTS:
 1) THE FIRE AREA IS GREATER THAN 12,000SF;
 2) THE FIRE AREA HAS AN OCCUPANT LOAD OF 300 OR MORE;
 3) THE FIRE AREA IS ON A FLOOR OTHER THAN THE LEVEL OF EXIT DISCHARGE.

904.2.1 ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS: FOR EACH REQUIRED COMMERCIAL KITCHEN EXHAUST HOOD AND DUCT SYSTEM REQUIRED BY SECTION 609 OF THE INTERNATIONAL FIRE CODE OR CHAPTER 5 OF THE INTERNATIONAL MECHANICAL CODE TO HAVE A TYPE I HOOD SHALL BE PROTECTED WITH AN APPROVED AUTOMATIC FIRE-EXTINGUISHING SYSTEM. PER SECTION 903.2.11.5, AN AUTOMATIC SPRINKLER SYSTEM SHALL BE INSTALLED IN COMMERCIAL KITCHEN EXHAUST HOOD AND DUCT SYSTEM WHERE USED TO COMPLY WITH SECTION 904. AUTOMATIC SPRINKLER SYSTEMS SHALL NOT BE REQUIRED TO BE EQUIPPED WITH MANUAL ACTUATION MEANS. THE ACTUATION OF THE FIRE SUPPRESSION SYSTEM SHALL AUTOMATICALLY SHUT DOWN THE FUEL OR ELECTRICAL POWER SUPPLY TO THE COOKING EQUIPMENT. THE FUEL AND ELECTRICAL SUPPLY RESET SHALL BE MANUAL. SYSTEMS PROTECTING COMMERCIAL-TYPE COOKING EQUIPMENT SHALL BE SUPPLIED FROM A SEPARATE, READILY ACCESSIBLE, INDICATING-TYPE CONTROL VALVE THAT IS IDENTIFIED.

906.1 PORTABLE FIRE EXTINGUISHERS ARE ONLY REQUIRED WITHIN 30 FEET OF COMMERCIAL COOKING EQUIPMENT, AND IN AREAS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED, USED, OR DISPENSED.

907.2.1 A MANUAL FIRE ALARM SYSTEM IS NOT REQUIRED FOR GROUP A OCCUPANCIES EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM.

10 MEANS OF EGRESS

TABLE 1004.1.1 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

USE GROUP	OCCUPANCY FACTOR
ASSEMBLY, UNCONCENTRATED	15 NET SF/OCC
EXERCISE ROOMS	50 GROSS SF/OCC
BUSINESS AREAS (OFFICES)	100 GROSS SF/OCC
CLASSROOMS	20 NET SF/OCC
ACCESSORY STORAGE	300 GROSS SF/OCC
KITCHENS	200 GROSS SF/OCC

1005.1 MINIMUM EGRESS WIDTH OF 0.2 INCHES PER OCCUPANT

1006.1 MEANS OF EGRESS ILLUMINATION REQUIRED

1007.1 ACCESSIBLE MEANS OF EGRESS REQUIRED. TWO ACCESSIBLE MEANS OF EGRESS ARE REQUIRED, EACH OF WHICH MUST BE ACCESSIBLE PER QUALIFICATIONS IN SECTIONS 1015.1 AND 1021.1.

1008.1.1 MINIMUM DOOR WIDTH OF DOOR OPENING SHALL BE SUFFICIENT FOR OCCUPANT LOAD THEREOF AND PROVIDE A CLEAR WIDTH OF 32"

1011.1 EXIT SIGNS WHERE REQUIRED AT EXITS AND EXIT ACCESS DOORS AND ALONG PATH OF EGRESS TRAVEL.

1014.3 COMMON PATH OF EGRESS TRAVEL SHALL NOT EXCEED 75'-0".

TABLE 1015.1 FOR GROUP A OCCUPANCY SPACES WITH GREATER THAN 49 OCCUPANTS, TWO EXITS ARE REQUIRED. WHERE THE BUILDING IS EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM, SEPARATION DISTANCE OF THE EXIT DOORS SHALL NOT BE LESS THAN ONE-THIRD OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED.

TABLE 1016.1 EXIT ACCESS TRAVEL DISTANCE FOR GROUP A OCCUPANCIES WITH A SPRINKLER SYSTEM IS 250 FEET.

CODE CHAPTER 10 CHAPTER HEADING MEANS OF EGRESS

TABLE 1018.1 FOR GROUP A OCCUPANCY WITH A LOAD GREATER THAN 30 OCCUPANTS AND AN AUTOMATIC SPRINKLER SYSTEM, THE CORRIDORS ARE NOT REQUIRED TO BE RATED.

1018.4 DEAD END CORRIDORS SHALL BE NO MORE THAN 20 FEET IN LENGTH.

TABLE 1021.1 MINIMUM NUMBER OF 2 EXITS IS REQUIRED FOR AN OCCUPANT LOAD OF 1-500.

11 ACCESSIBILITY

1103.1 WHERE REQUIRED, SITES, BUILDINGS, ELEMENTS, AND SPACES, TEMPORARY AND PERMANENT, SHALL BE ACCESSIBLE TO PERSONS WITH PHYSICAL DISABILITIES.

1104.2 WITHIN A SITE, AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE.

1104.3.1 EMPLOYEE WORK AREAS-- EXCEPTIONS-- COMMON USE CIRCULATION PATHS LOCATED WITHIN EMPLOYEE WORK AREAS LESS THAN 300 SF AND DEFINED BY PERMANENTLY INSTALLED PARTITIONS, COUNTERS, CASEWORK OR FURNISHINGS SHALL NOT BE REQUIRED TO BE ACCESSIBLE ROUTES.

1105.1 AT LEAST 60 PERCENT OF ALL PUBLIC ENTRANCES SHALL BE ACCESSIBLE.

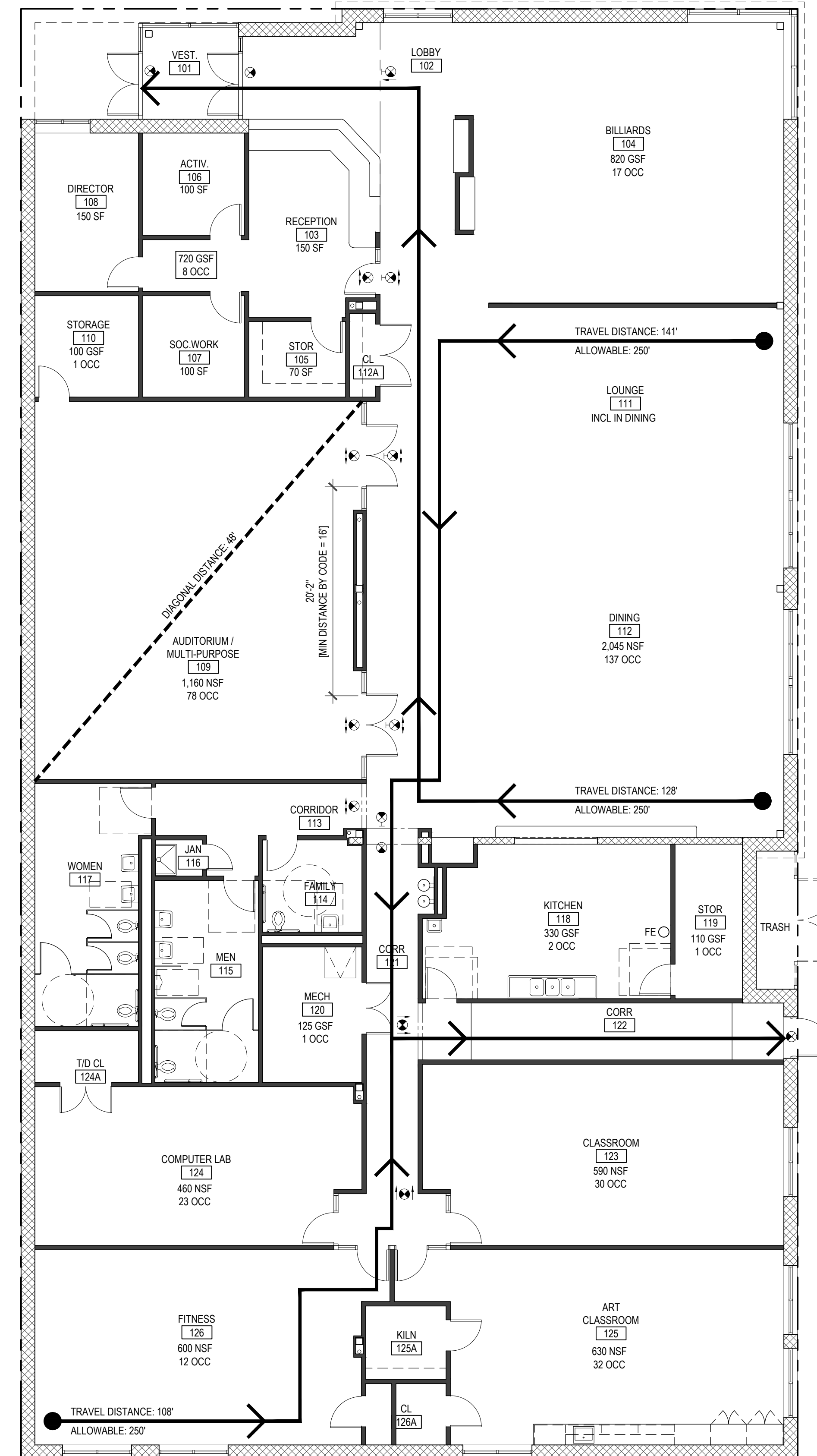
1109.2.1 IN ASSEMBLY OCCUPANCIES WHERE AN AGGREGATE OF SIX OR MORE WATER CLOSETS IS REQUIRED, A FAMILY OR ASSISTED-USE TOILET ROOM IS REQUIRED.

CODE PLAN KEY

DOOR CAPACITY		TRAVEL DISTANCE	
EXIT DOOR	36"	ACTUAL TRAVEL DISTANCE	←
EXIT WIDTH	EW 36"	ALLOWABLE TRAVEL DISTANCE	←
EXIT FACTOR	FC 0.2		
ALLOWABLE CAPACITY	ALLOW 180		
ACTUAL CAPACITY	ACTUAL 27		
CORRIDOR CAPACITY		SYMBOLS	
CLEAR CORRIDOR WIDTH	CW 44"	FE	FIRE EXTINGUISHER CABINET
EGRESS WIDTH PER OCC.	FC 0.2	☉	CEILING MOUNTED EXIT SIGN
MAXIMUM CAPACITY	ALLOW 220	Ⓜ	WALL MOUNTED EXIT SIGN
ACTUAL OCCUPANT LOAD	ACTUAL 27	-SEE REFLECTED CEILING PLANS FOR ACTUAL EXIT SIGN LOCATIONS, AND FACE/ARROW REQUIREMENTS	

PLUMBING FIXTURE COUNTS- PHILADELPHIA PLUMBING CODE

OCCUPANCY TYPE	OCCUPANCY COUNT	WATER CLOSETS		URINALS		LAVATORIES		DRINKING FOUNTAINS		SHOWERS	
		REQ'D	PROV.	REQ'D	PROV.	REQ'D	PROV.	REQ'D	PROV.	REQ'D	PROV.
ASSEMBLY (A-3)	201-401 PEOPLE	4	7	1	3	2	4	1	2		NOT REQ'D



1 FIRST FLOOR CODE PLAN
 SCALE: 1/8" = 1'-0"

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

PROJECT COORDINATOR
 MICHELLE SHUMAN

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CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 PHILADELPHIA PENNSYLVANIA

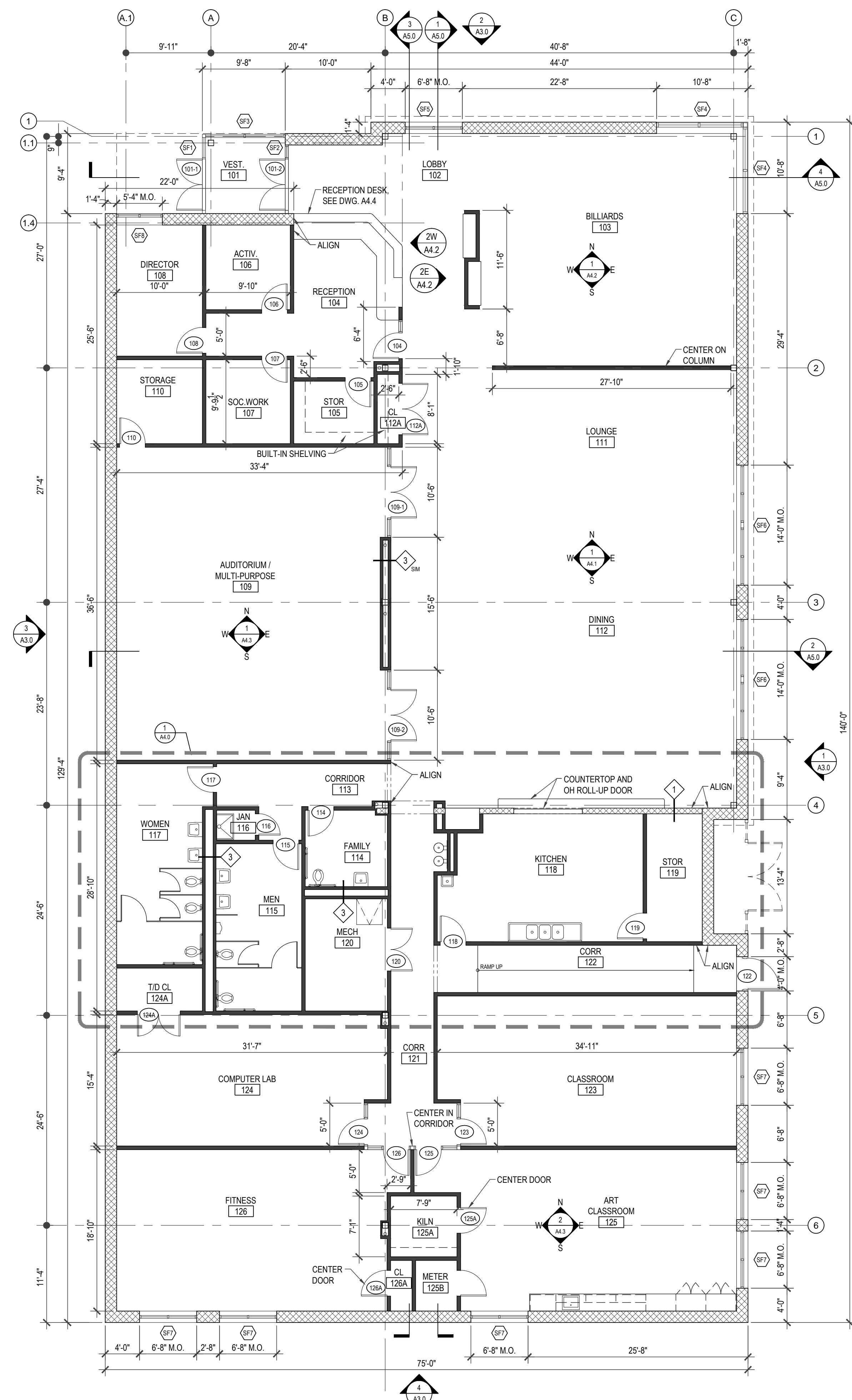
PROJECT TITLE
 MARTIN LUTHER KING
 OLDER ADULT CENTER
 21ST STREET & CECIL B. MOORE AVENUE
 PHILADELPHIA, PA 19121

DRAWING TITLE
 CODE INFORMATION

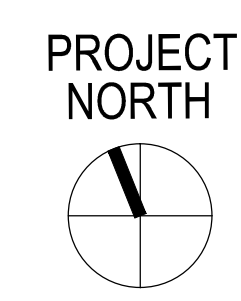
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 DATE 7-2-2015
 SCALE AS NOTED
 DRAWN BY KC
 CHECKED BY TW

DRAWING NO. A0.1

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE OBSERVED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



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



REVISIONS		
ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

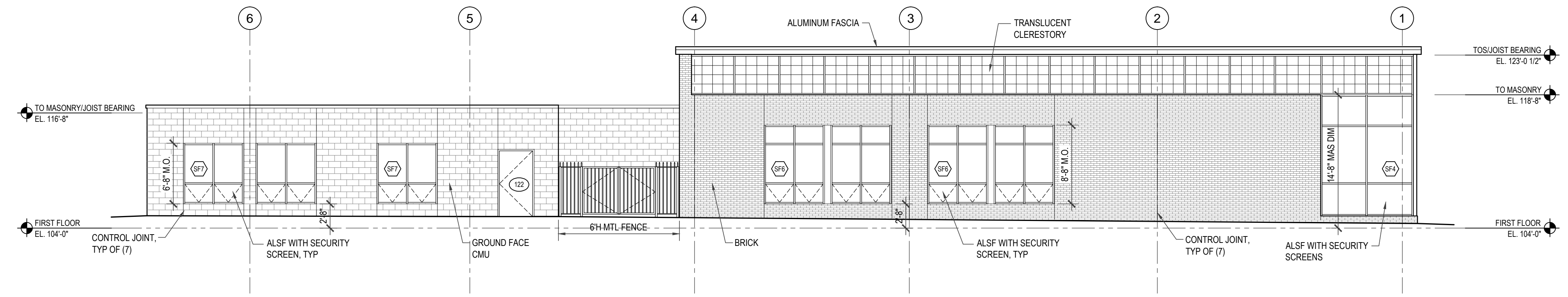
PROJECT COORDINATOR
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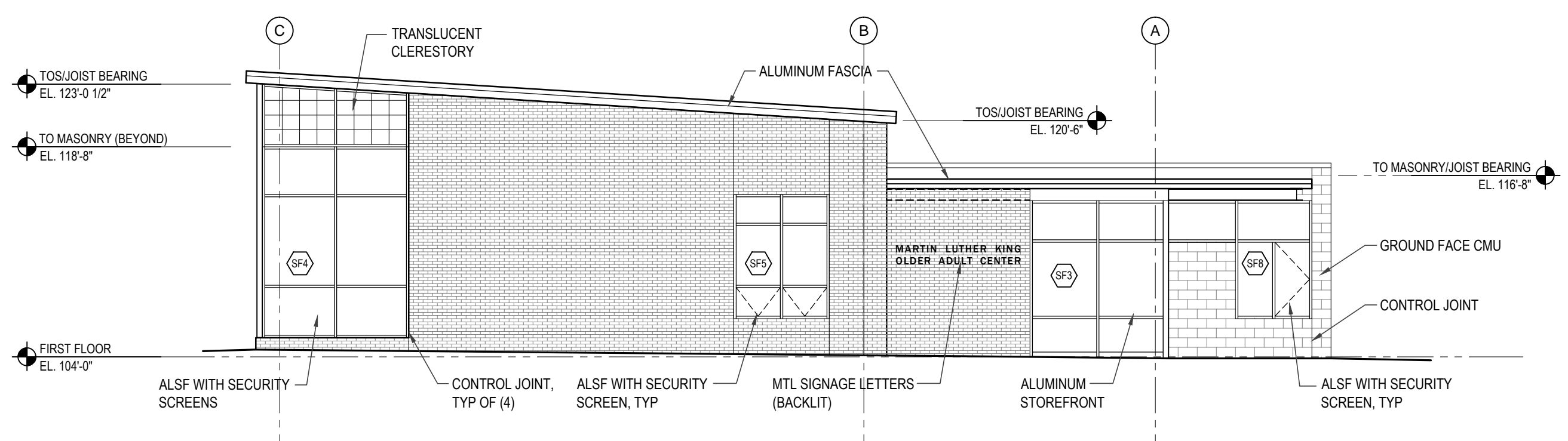
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MARTIN LUTHER KING
OLDER ADULT CENTER**
21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

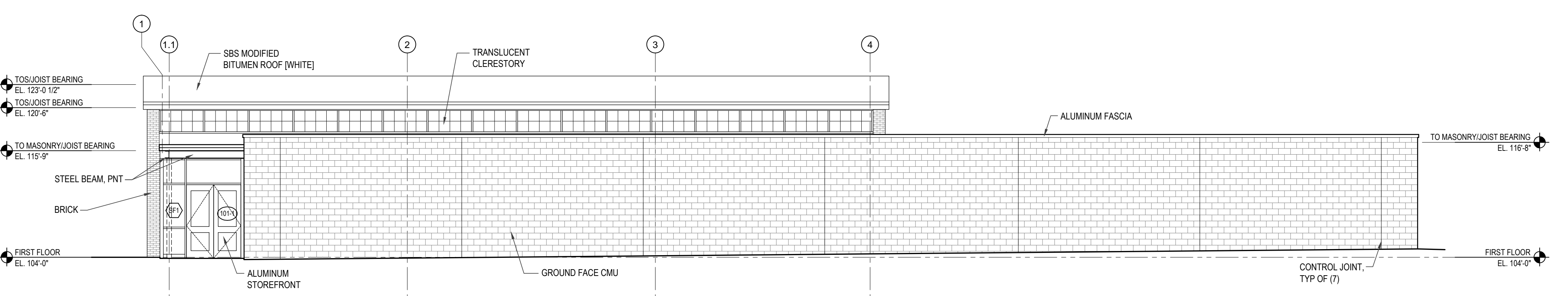
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PROJECT NO. 20-11-4199-99	DRAWING NO. A2.0
DATE 7-2-2015	SCALE AS NOTED
DRAWN BY KC	CHECKED BY JG
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE OBTAINED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.	



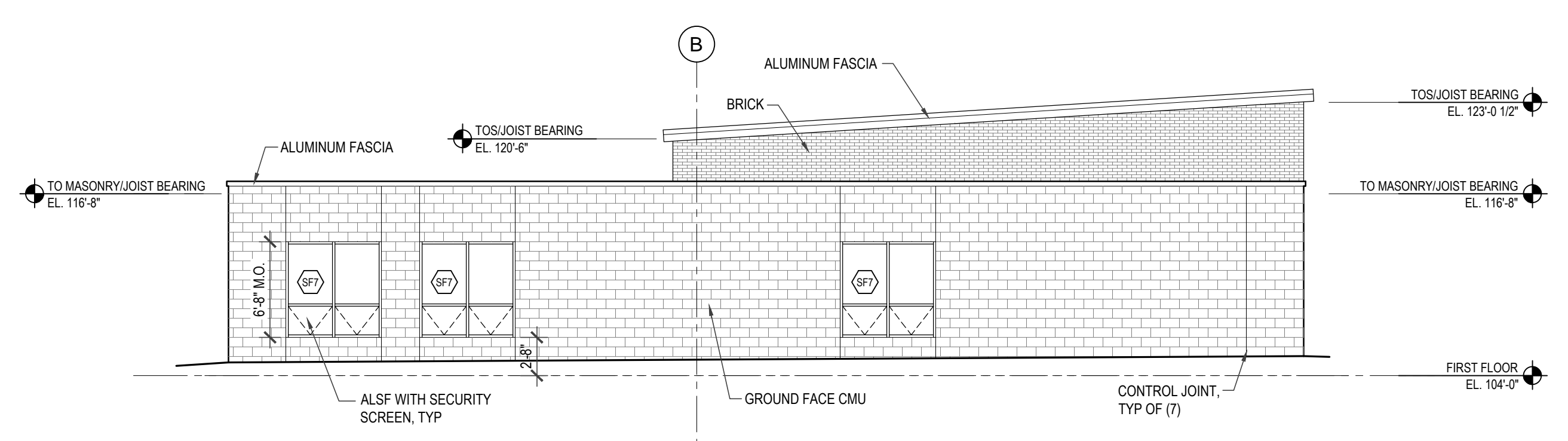
1 EAST ELEVATION
SCALE: 1/8" = 1'-0"



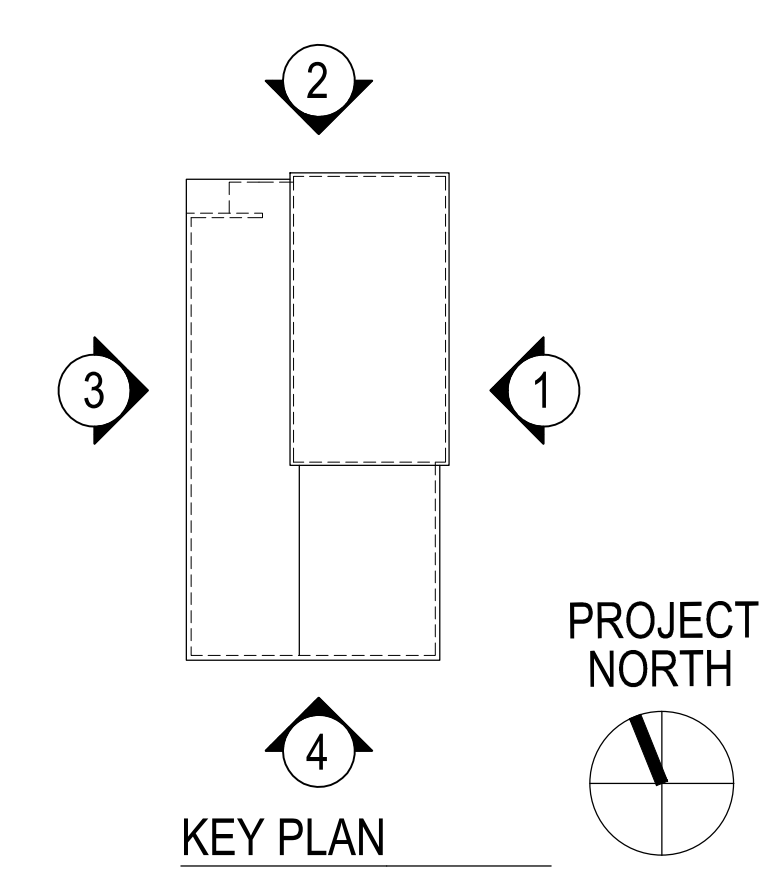
2 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



3 WEST ELEVATION
SCALE: 1/8" = 1'-0"



4 SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



REVISIONS		
ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

PROJECT COORDINATOR
MICHELLE SHUMAN

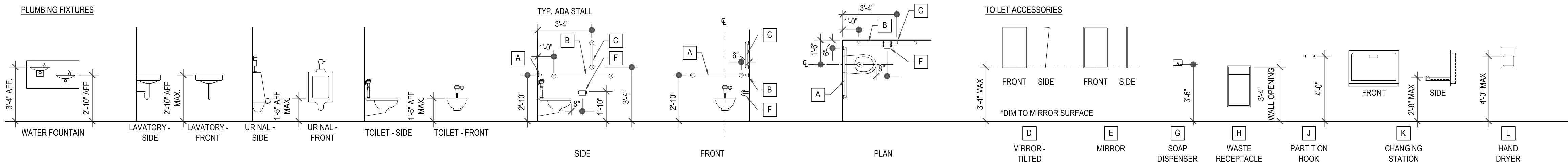
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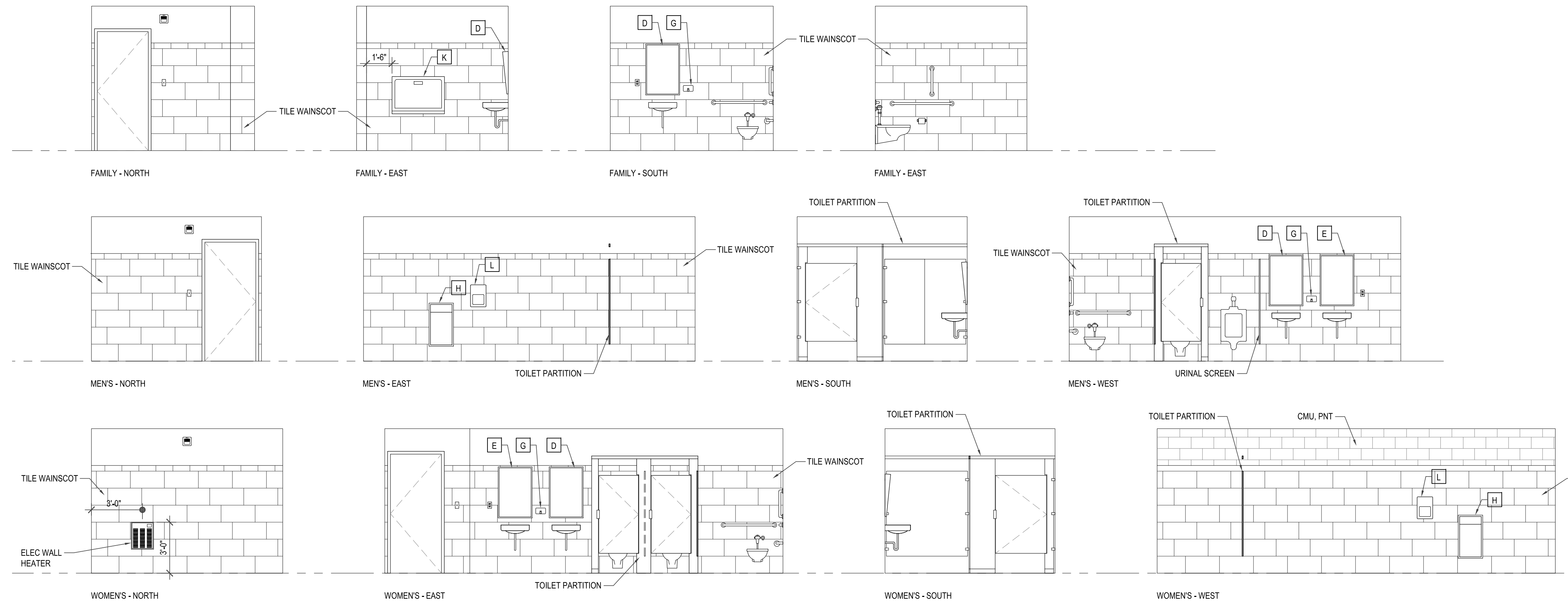
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EXTERIOR ELEVATIONS

PROJECT NO. 20-11-4199-99	DRAWING NO. A3.0
DATE 7-2-2015	
SCALE AS NOTED	
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CHECKED BY JG	
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE OBTAINED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.	



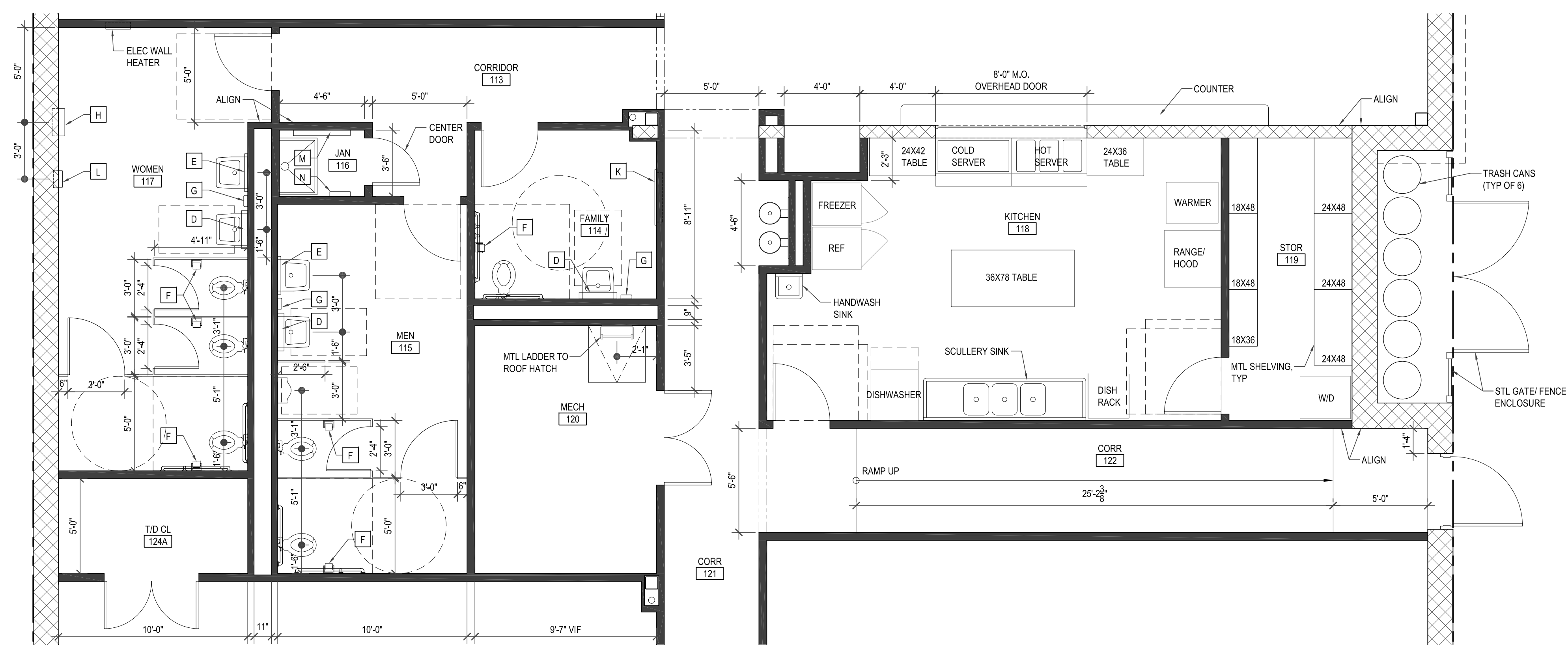
3 TYPICAL INSTALLATIONS AND TOILET ACCESSORIES

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



2 TOILET ROOM ELEVATIONS

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



1 TOILET ROOM AND KITCHEN ENLARGED FLOOR PLANS

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

REVISIONS		
ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

PROJECT COORDINATOR
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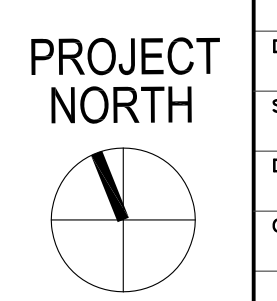
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DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
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PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MARTIN LUTHER KING
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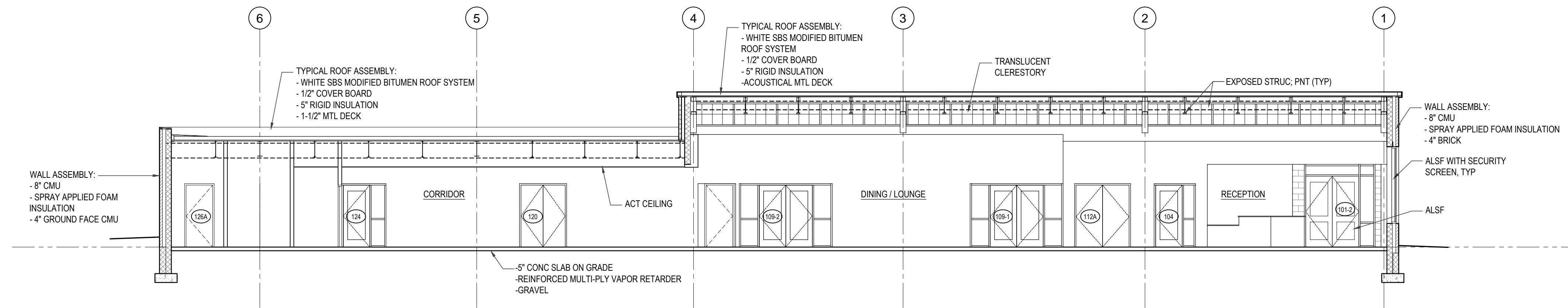
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ENLARGED FLOOR PLANS
AND DETAILS

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DATE 7-2-2015	SCALE AS NOTED
DRAWN BY KC	CHECKED BY JG

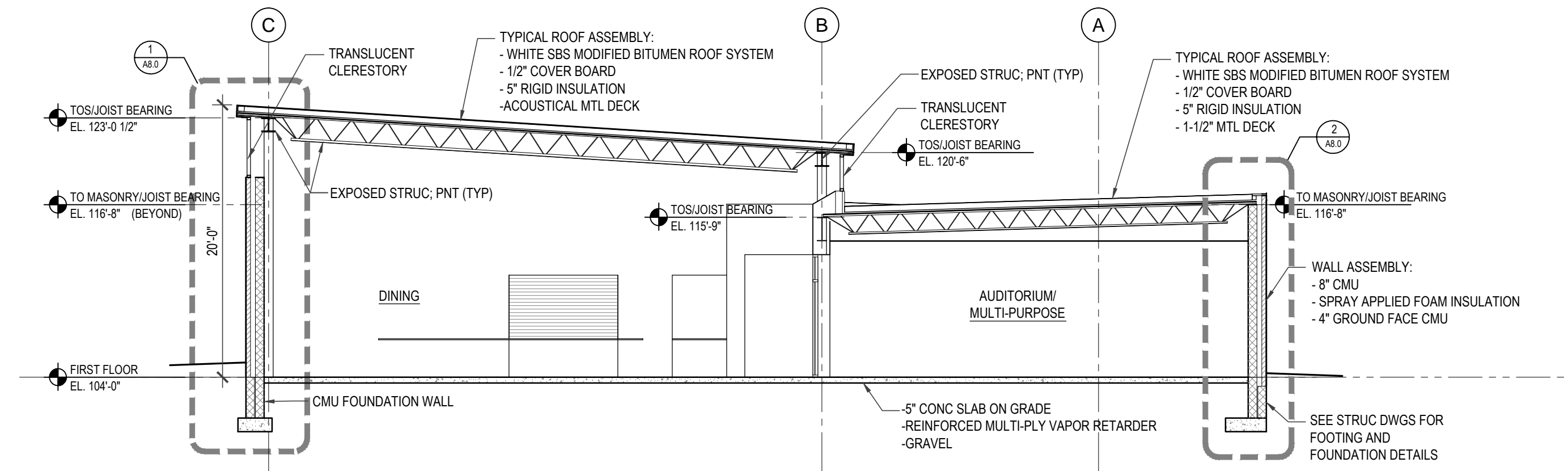
TOILET ROOM ACCESSORIES SCHEDULE	GENERAL NOTES:
A GRAB BAR - 36"	1. SEE SPECIFICATIONS FOR ACCESSORY TYPE, MANUFACTURER, AND DETAILS.
B GRAB BAR - 42"	2. ALL PLUMBING FIXTURES ARE SHOWN FOR COORD ONLY. SEE SPECIFICATIONS AND PLUMBING DRAWINGS FOR ADDITIONAL DETAILS.
C GRAB BAR - 18" VERTICAL	3. ALL TOILET ROOM FIXTURES AND ACCESSORIES TO BE MOUNTED PER ADA AND MANUFACTURER REQUIREMENTS, U.N.O.
D TILT MIRROR - 24 X 36	4. DOORS IN TYPICAL STALLS (NON ADA) TO BE CENTERED IN STALL, U.N.O.
E MIRROR - 24 X 36	5. PROVIDE PARTITION HOOK (J) ON INSIDE OF ALL TOILET PARTITION DOORS, CENTERED IN DOORS, TYP. MOUNTED AT 54" AFF (48" AFF ADA).
F TOILET TISSUE DISPENSER	
G SOAP DISPENSER	
H WASTE RECEPTACLE	
J PARTITION HOOK	
K CHANGING STATION	
L HAND DRYER	
M MOP AND BROOM HOLDER	
N PAPER TOWEL DISPENSER	



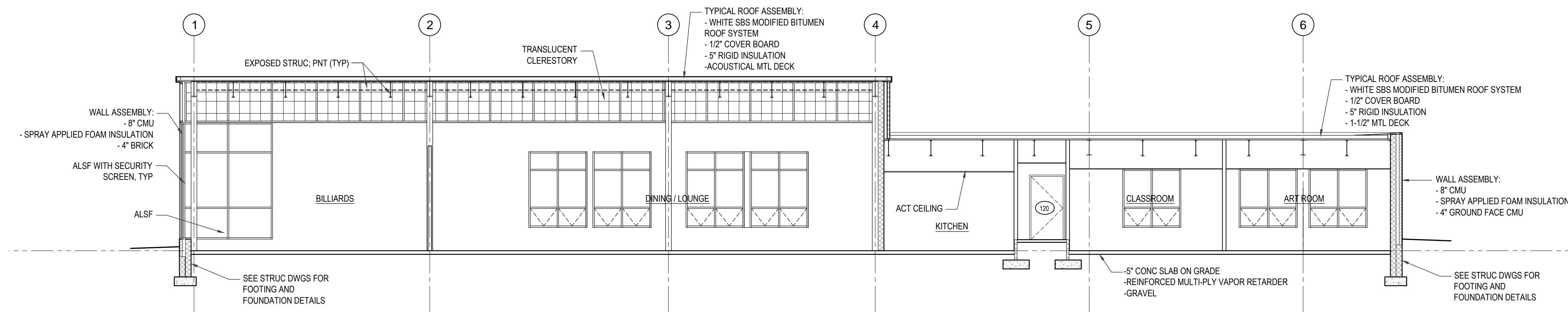
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE REVIEWED BY THE CONTRACTOR BEFORE PROCEEDING WITH THE WORK.



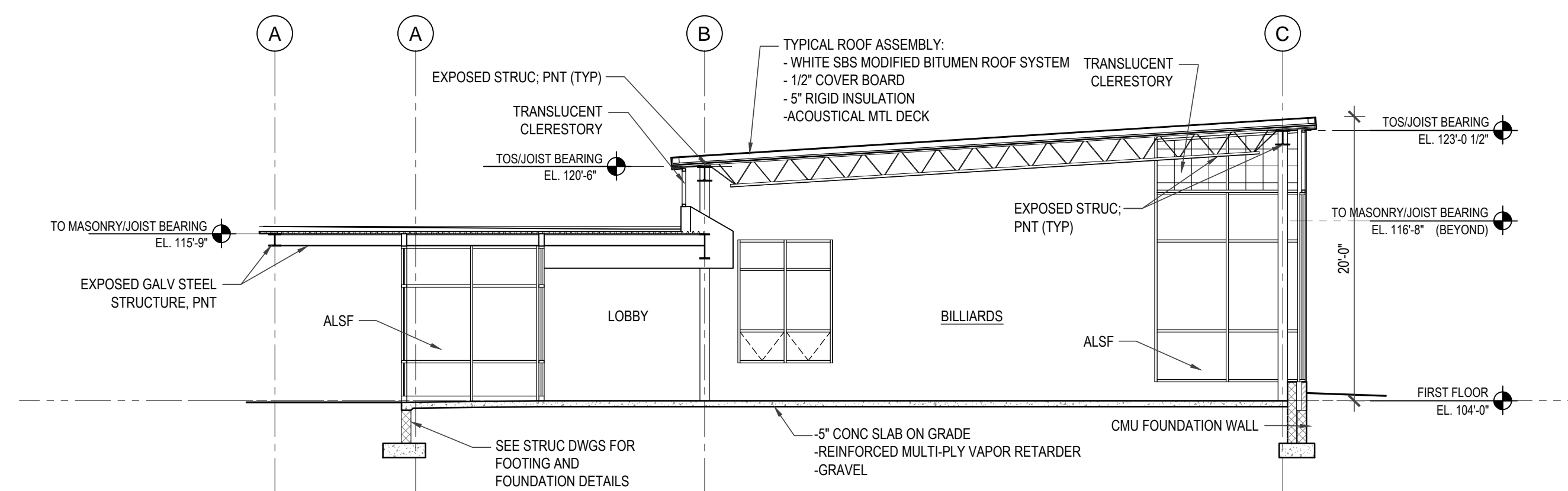
1 BUILDING SECTION
SCALE: 1/8" = 1'-0"



2 BUILDING SECTION
SCALE: 1/8" = 1'-0"



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



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

SEE A4 SERIES DRAWINGS FOR INTERIOR ELEVATIONS



REVISIONS

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PROJECT TITLE
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PHILADELPHIA, PA 19121

DRAWING TITLE
BUILDING SECTIONS

PROJECT NO.
20-11-4199-99

DRAWING NO.
A5.0

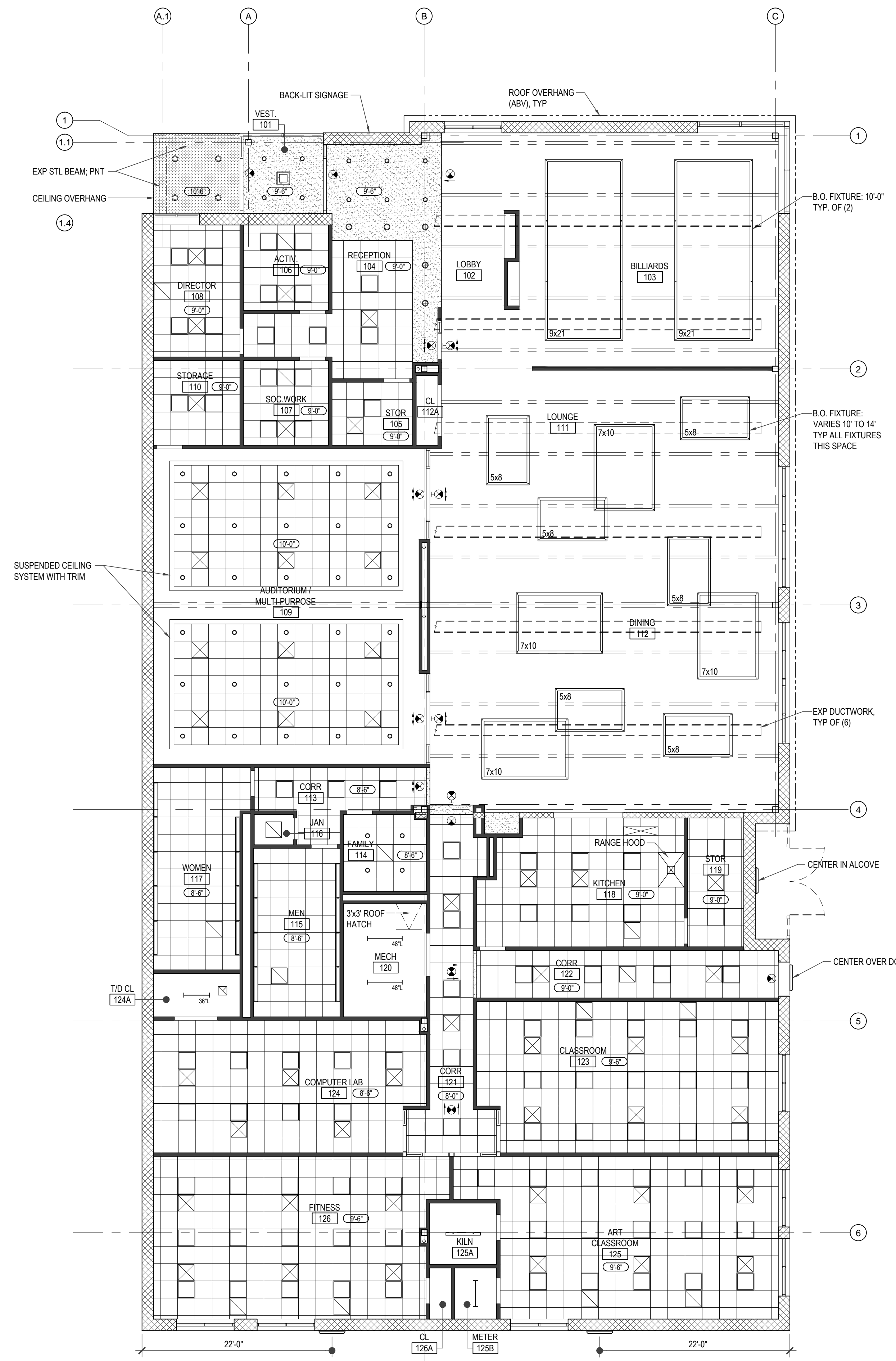
DATE
7-2-2015

SCALE
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JG

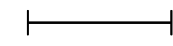
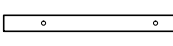
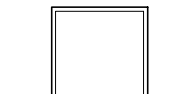
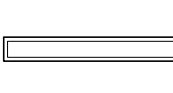
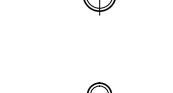

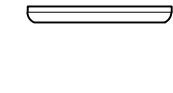
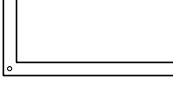
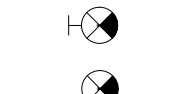

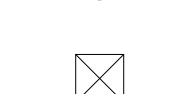
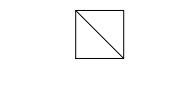
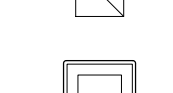
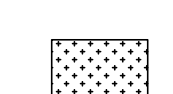

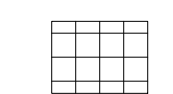
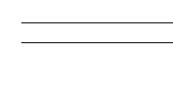
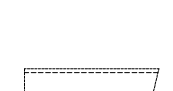

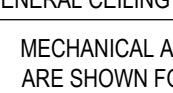
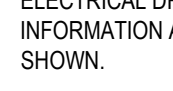
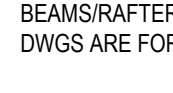
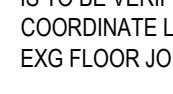
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JG

NOTE:
ALL DIMENSIONS AND CONDITIONS SHALL BE
VERIFIED BY THE CONTRACTOR AT THE SITE
BEFORE PROCEEDING WITH THE WORK.



1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

CEILING SYMBOLS LEGEND

-  SURFACE STRIP FIXTURE
-  PENDANT STRIP FIXTURE - 36" (EXPLOSION-PROOF)
-  RECESSED FIXTURE - 24x24
-  RECESSED FIXTURE - 6x48
-  SEMI-RECESSED DOWNLIGHT WITH DECORATIVE SHADE
-  RECESSED DOWNLIGHT - 6"
-  RECESSED DOWNLIGHT - 8"
-  EXTERIOR LINEAR WALL MOUNTED FIXTURE (VANDAL RESISTANT) - 36"
-  CONTINUOUS CABLE-SUSPENDED FIXTURE (SIZE VARIES)
-  WALL MOUNTED EXIT SIGN
-  CEILING MOUNTED EXIT SIGN
-  SMOKE DETECTOR
-  SECURITY CAMERA LOCATION (CAMERA BY OTHERS)
-  SUPPLY GRILLE
-  RETURN GRILLE
-  EXHAUST FAN
-  CEILING RECESSED HVAC UNIT
-  PLASTER CEILING, PAINTED
-  GWB CEILING, PAINTED
-  SUSPENDED CEILING AND GRID
-  STEEL BEAM/RAFTER; SEE STRUC DWGS
-  CEILING HEIGHT TAG
-  EXPOSED DUCTWORK (SEE HVAC DRAWINGS FOR DETAILS)

GENERAL CEILING NOTES

1. MECHANICAL AND ELECTRICAL DEVICES/EQUIPMENT ARE SHOWN FOR REFERENCE AND COORDINATION OF LOCATIONS ONLY. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND DEVICES NOT OTHERWISE SHOWN.
2. REFER TO STRUCTURAL DWGS FOR LOCATIONS OF BEAMS/RAFTERS @ EXPOSED STRUCTURE. ARCH DWGS ARE FOR REFERENCE PURPOSES ONLY.
3. DIMENSIONS SHOWN FOR MECHANICAL EQUIPMENT IS TO BE VERIFIED IN FIELD. CONTRACTORS ARE TO COORDINATE LOCATION OF EQPM W/ LOCATION OF EXG FLOOR JOISTS.
4. UNLESS NOTED OTHERWISE, ALL SUSPENDED CEILING AND GRID TO BE CENTERED IN ROOM.
5. FOR SINGLE FIXTURES IN A SPACE, ASSUME FIXTURE TO BE CENTERED IN ROOM.

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

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CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MARTIN LUTHER KING
OLDER ADULT CENTER**
21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

DRAWING TITLE
REFLECTED CEILING PLAN

PROJECT NO.
20-11-4199-99

DATE
7-2-2015

SCALE
AS NOTED

DRAWN BY
KC

CHECKED BY
JG

A6.0

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

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PHILADELPHIA, PA 19121

DRAWING TITLE
WALL SECTIONS

PROJECT NO.
20-11-4199-99

DATE
7-2-2015

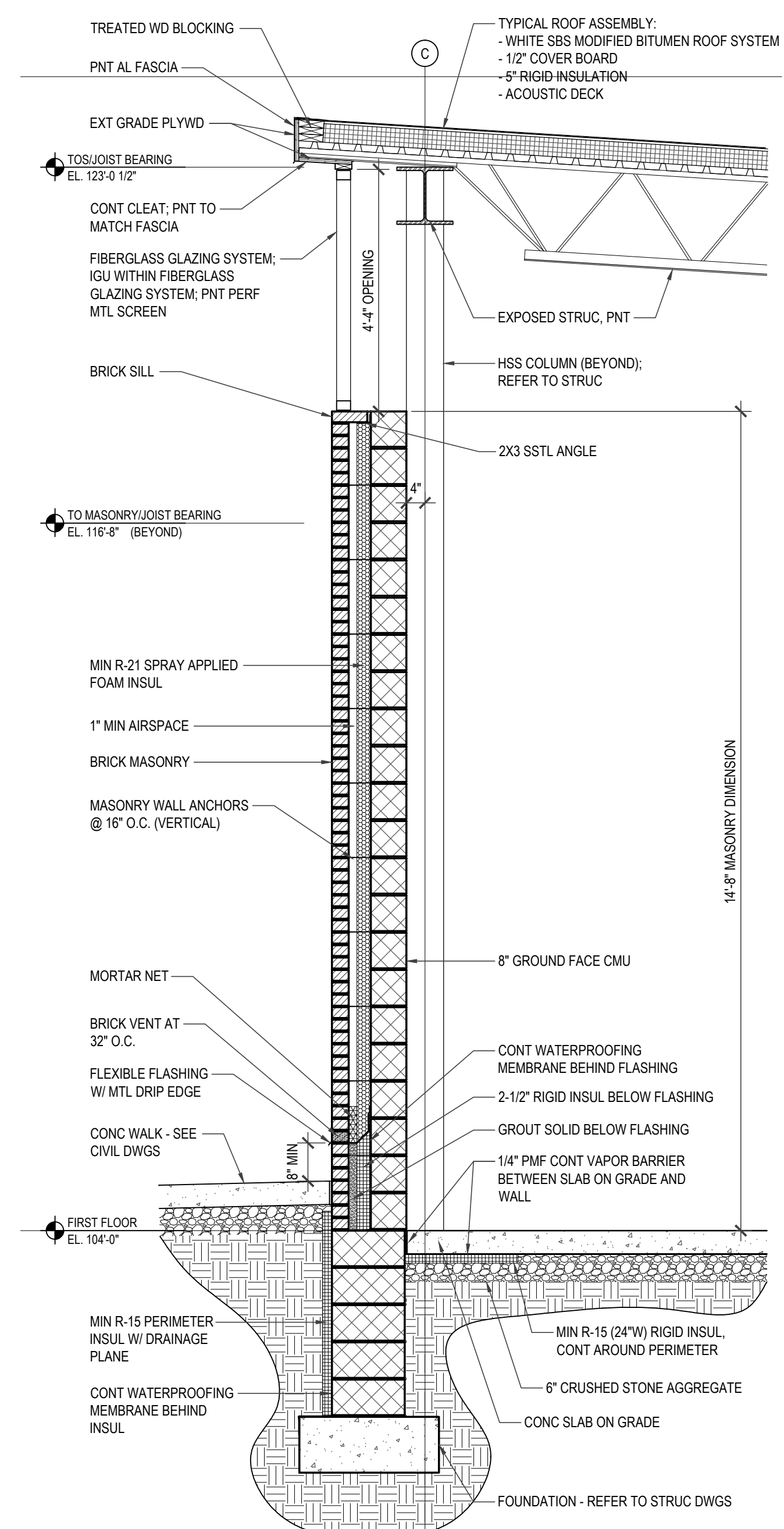
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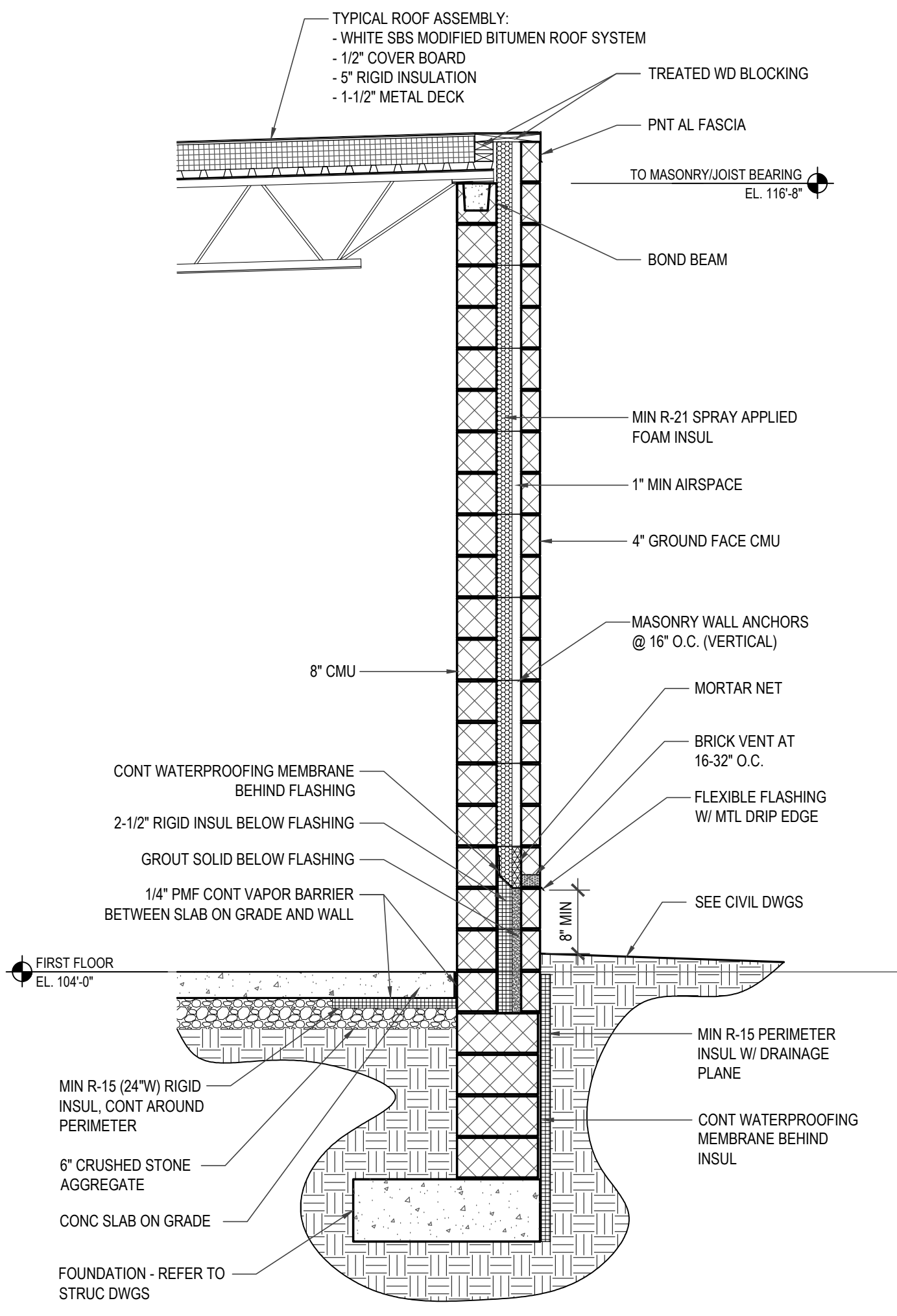
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JG

DRAWING NO.
A8.0

NOTE:
ALL DIMENSIONS AND CONDITIONS SHALL BE
OBTAINED BY THE CONTRACTOR AT THE SITE
BEFORE PROCEEDING WITH THE WORK.



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



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

FINISHES SCHEDULE																
Room No.	Room Name	Floor Mat.	Base		Walls				Ceiling		Notes					
			Mat.	Ht.	Mat.	Fin.	Mat.	Fin.	Mat.	Fin.		Mat.	Fin.	Ht.		
101	VES. TIBULE	WM	-	-	ALSF	FF	ALSF	FF	GCMU	FF	ALSF	FF	GWB	PNT	9'-6"	
102	LOBBY	CONC	-	-	GCMU	FF	N/A	-	N/A	-	ALSF	FF	GWB	PNT	9'-6"	
103	BILLIARDS	CONC	RB	4"	FF	GCMU	FF	GCMU	FF	GWB	PNT	GWB	PNT	AD/ES	PNT	VAR
104	RECEPTION	RSF	RB	4"	FF	N/A	-	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	9'-0"
105	STORAGE	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	9'-0"
106	ACTIVITIES OFFICE	RSF	RB	4"	FF	CMU	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	9'-0"
107	SOCIAL WORK OFFICE	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	9'-0"
108	DIRECTOR'S OFFICE	RSF	RB	4"	FF	CMU	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	9'-0"
109	AUDITORIUM/MULTI	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	CMU	PNT	ACT/ES	FF/PNT	10'-0"
110	STORAGE	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	CMU	PNT	ACT	FF	9'-0"
112	DINING LOUNGE	RSF	RB	4"	FF	GWB	PNT	GCMU	FF	GCMU	FF	GWB	PNT	AD/ES	PNT	VAR
112A	CLOSET	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ES	PNT	VAR
113	CORRIDOR	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	8'-6"
114	FAMILY TOILET ROOM	CT	CT	-	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	8'-6"
115	MEN'S TOILET ROOM	CT	CT	-	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	8'-6"
116	JANITOR	CT	CT	-	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ES	PNT	VAR
117	WOMEN'S TOILET ROOM	CT	CT	-	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	8'-6"
118	KITCHEN	EPX	EPX	-	FF	EPX	FF	EPX	FF	EPX	FF	EPX	FF	ACT	FF	9'-0"
119	STORAGE	EPX	EPX	-	FF	EPX	FF	EPX	FF	EPX	FF	EPX	FF	ACT	FF	9'-0"
120	MECHANICAL	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ES	PNT	VAR
121	CORRIDOR	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	8'-0"
122	CORRIDOR	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	9'-0"
123	CLASSROOM	RSF	RB	4"	FF	GWB	PNT	CMU	PNT	GWB	PNT	GWB	PNT	ACT	FF	9'-6"
124	COMPUTER LAB	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	CMU	PNT	ACT	FF	8'-6"
124A	TELE/ DATA CLOSET	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	CMU	PNT	ES	PNT	VAR
125	ART CLASSROOM	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ACT	FF	9'-6"
125A	KILN ROOM	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ES	PNT	VAR
126	FITNESS	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	CMU	PNT	ACT	FF	9'-6"
126A	CLOSET	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ES	PNT	VAR
126B	METER	RSF	RB	4"	FF	GWB	PNT	GWB	PNT	GWB	PNT	GWB	PNT	ES	PNT	VAR

General Notes
1. See specifications for additional information.
2. See Reflected Ceiling Plans A6.0 for additional information.
3. All GWB to be impact-resistant. In Toilet Rooms, Janitor, and Kitchen, GWB to be moisture-resistant.

1 FINISHES SCHEDULE

SCALE: NTS = 1'-0"

PARTITION TYPES						
TYPE	DESCRIPTION	HEIGHT	FIRE RATING	UL #	DETAIL	SPECIFICATION
1	MASONRY PARTITION	TO UNDERSIDE OF DECK	-	-		NOM. 8"x8"x16" CMU W/ 3/8" MORTAR JOINTS TO UNDERSIDE OF STRUC
2	3-5/8" STUDS, GWB BOTH SIDES WITH SOUND BATT INSULATION	TO UNDERSIDE OF DECK	-	-		3-5/8" MTL STUDS @ 24" OC; 5/8" GWB EACH SIDE WITH SOUND BATT INSULATION BETWEEN STUDS.
3	3-5/8" STUDS AND GWB ONE SIDE	TO UNDERSIDE OF DECK	-	-		3-5/8" MTL STUDS @ 24" OC; 5/8" GWB FINISH SIDE.
3A	3-5/8" STUDS AND GWB ONE SIDE WITH SOUND BATT INSULATION	TO UNDERSIDE OF DECK	-	-		3-5/8" MTL STUDS @ 24" OC; 5/8" GWB FINISH SIDE WITH SOUND BATT INSULATION BETWEEN STUDS.

GENERAL NOTES
1. WHERE WALL TILE IS INDICATED ON THE FINISH SCHEDULE, USE 5/8" CEMENT BACKER BOARD SUBSTRATE IN LIEU OF 5/8" GWB.
2. REFER TO ROOM FINISH SCHEDULE FOR INTERIOR WALL FINISHES UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
3. SEE INTERIOR ELEVATIONS AND SECTIONS FOR ADDITIONAL INFORMATION.
4. SEE INTERIOR ELEVATIONS FOR CERAMIC TILE PATTERN AND HEIGHTS.
5. WHERE WALL TYPE IS NOTED AS 'SIM' ON PLANS, SEE INTERIOR ELEVATIONS AND BUILDING SECTIONS FOR DETAILS.

2 PARTITION TYPES

SCALE: NTS = 1'-0"

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

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CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE

MARTIN LUTHER KING
OLDER ADULT CENTER

21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

DRAWING TITLE

PARTITION AND FINISHES
SCHEDULES

PROJECT NO.
20-11-4199-99

DATE
7-2-2015

SCALE
AS NOTED

DRAWN BY
KC

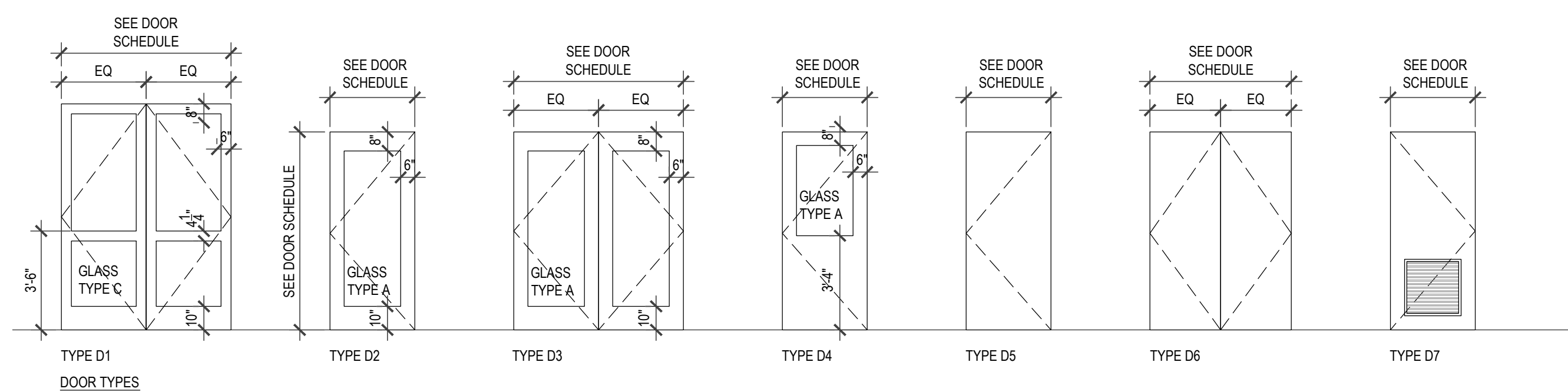
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JG

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE
VERIFIED BY THE CONTRACTOR AT THE SITE
BEFORE PROCEEDING WITH THE WORK.

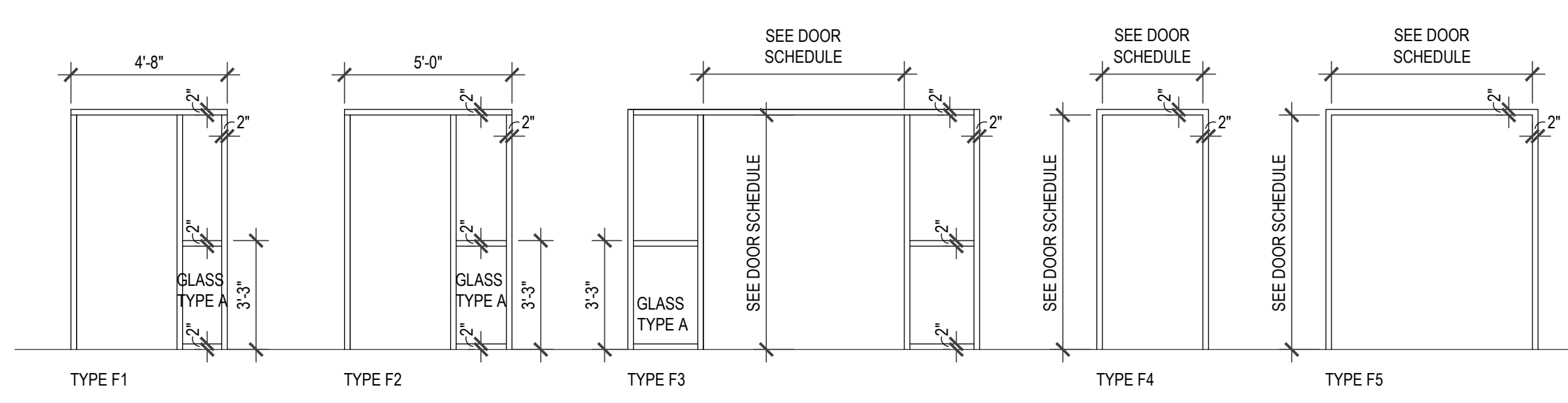
A9.0

REVISIONS

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DOOR TYPES



DOOR TYPES

- GENERAL NOTES
- REFER TO DOOR SCHEDULE AND SPECIFICATION FOR ADDITIONAL INFORMATION.
 - SEE DOOR SCHEDULE AND SPECIFICATIONS FOR DOOR HARDWARE.
 - SEE GLAZING SPECIFICATION FOR ADDITIONAL INFORMATION ON GLAZING TYPES. DOOR GLAZING SCHEDULE.
 - TYPE A: 1/4" CLEAR, TEMPERED FLOAT GLASS
 - TYPE B: 1" LOW-E COATED, CLEAR INSULATING GLASS UNIT
 - TYPE C: 1/2" POLYCARBONATE
 - TYPE D: TYPE B, TEMPERED

2 DOOR AND FRAME TYPES

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

DOOR NO.	ROOM NAME	SIZE			TYPE	MATL.	FIN.	FRAME			DETAIL		GLAZ TYPE	SIGN TYPE	HRDWR SET	NOTES
		Height (h)	Width (w)	Thick. (t)				TYPE	MATL.	FIN.	HEAD	JAMB				
101-1	Vestibule	96"	(2)36"	1-3/4"	D1	AL	FF	SF1	ALSF	FF			C			
101-2	Vestibule	96"	(2)36"	1-3/4"	D1	AL	FF	SF2	ALSF	FF			C			
104	Reception	84"	36"	1-3/4"	D2	HM	PNT	F1	HM	PNT			A			
105	Closet	84"	(2)36"	1-3/4"	D6	HM	PNT	F4	HM	PNT			-			
106	Activities Office	84"	36"	1-3/4"	D4	HM	PNT	F4	HM	PNT			-			
107	Social Work Office	84"	36"	1-3/4"	D4	HM	PNT	F4	HM	PNT			A			
108	Director's Office	84"	36"	1-3/4"	D4	HM	PNT	F4	HM	PNT			A			
109-1	Auditorium/ Multi-Purpose	84"	(2)36"	1-3/4"	D3	HM	PNT	F3	HM	PNT			A			
109-2	Auditorium/ Multi-Purpose	84"	(2)36"	1-3/4"	D3	HM	PNT	F3	HM	PNT			A			
110	Storage	84"	36"	1-3/4"	D5	HM	PNT	F4	HM	PNT			A			
112A	Closet	84"	36"	1-3/4"	D5	HM	PNT	F4	HM	PNT			-			
114	Family Toilet Room	84"	36"	1-3/4"	D5	HM	PNT	F4	HM	PNT			-			
115	Men's Toilet Room	84"	36"	1-3/4"	D5	HM	PNT	F4	HM	PNT			-			
116	Janitor	84"	30"	1-3/4"	D5	HM	PNT	F4	HM	PNT			-			
117	Women's Toilet Room	84"	36"	1-3/4"	D5	HM	PNT	F4	HM	PNT			-			
118	Kitchen	84"	36"	1-3/4"	D5	HM	PNT	F4	HM	PNT			-			
119	Storage	84"	36"	1-3/4"	D5	HM	PNT	F4	HM	PNT			-			
120	Mechanical	84"	(2)30"	1-3/4"	D6	HM	PNT	F5	HM	PNT			-			
122	Comdor	84"	44"	1-3/4"	D5	SSTL	FF	F4	SSTL	FF			-			
123	Classroom	84"	36"	1-3/4"	D2	HM	PNT	F2	HM	PNT			A			
124	Computer Lab	84"	36"	1-3/4"	D2	HM	PNT	F2	HM	PNT			A			
124A	Tele/Data Closet	84"	(2)30"	1-3/4"	D6	HM	PNT	F5	HM	PNT			-			
125	Art Classroom	84"	36"	1-3/4"	D2	HM	PNT	F2	HM	PNT			A			
125A	Klin Room	84"	36"	1-3/4"	D7	HM	PNT	F4	HM	PNT			-			24x24 louver; undercut door 3/4"
125B	Meter Room	84"	36"	1-3/4"	D5	HM	PNT	F4	HM	PNT			-			
126	Fitness	84"	36"	1-3/4"	D2	HM	PNT	F2	HM	PNT			A			
126A	Closet	84"	36"	1-3/4"	D5	HM	PNT	F4	HM	PNT			-			

Notes:
1. 45min rated frame
2. Glazing Types: (A) 1/4" clear, tempered float glass; (B) 1" Low-E Coated, Clear Insulating Glass Unit; (C) 1/2" Polycarbonate

Abbreviations:
HM: Hollow Metal ALSF: Aluminum Storefront SSTL: Stainless Steel AL: Aluminum THR: Threshold FIN.: Finish HRDWR: Hardware PNT: Paint RTG: Rating GLZ: Glazing MATL: Material F

1 DOOR SCHEDULE

SCALE: NTS" = 1'-0"

DESIGN DEVELOPMENT

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CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY

1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE

MARTIN LUTHER KING
OLDER ADULT CENTER

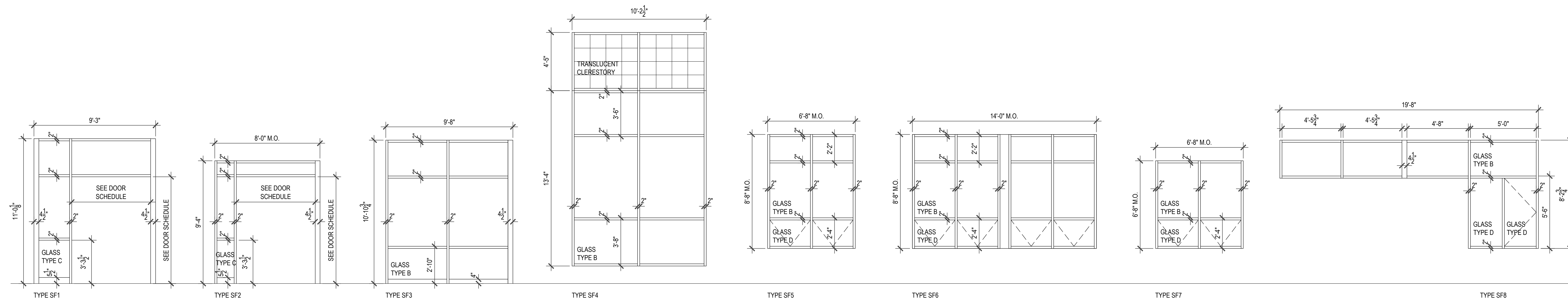
21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

DRAWING TITLE

DOOR TYPES, SCHEDULE,
AND DETAILS

PROJECT NO.	20-11-4199-99	DRAWING NO.	A9.1
DATE	7-2-2015		
SCALE	AS NOTED		
DRAWN BY	KC		
CHECKED BY	JG		

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE OBTAINED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



1 STOREFRONT TYPES

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

GENERAL NOTES	
1.	REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2.	SEE GLAZING SPECIFICATION FOR ADDITIONAL INFORMATION ON GLAZING TYPES. GLAZING SCHEDULE:
	<ul style="list-style-type: none"> • TYPE A: 1/4" CLEAR, TEMPERED FLOAT GLASS • TYPE B: 1" LOW-E COATED, CLEAR INSULATING GLASS UNIT • TYPE C: 1/2" POLYCARBONATE • TYPE D: TYPE B, TEMPERED

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

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 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE

MARTIN LUTHER KING
 OLDER ADULT CENTER
 21ST STREET & CECIL B. MOORE AVENUE
 PHILADELPHIA, PA 19121

DRAWING TITLE

WINDOW TYPES AND DETAILS

PROJECT NO.
 20-11-4199-99

DATE
 7-2-2015

SCALE
 AS NOTED

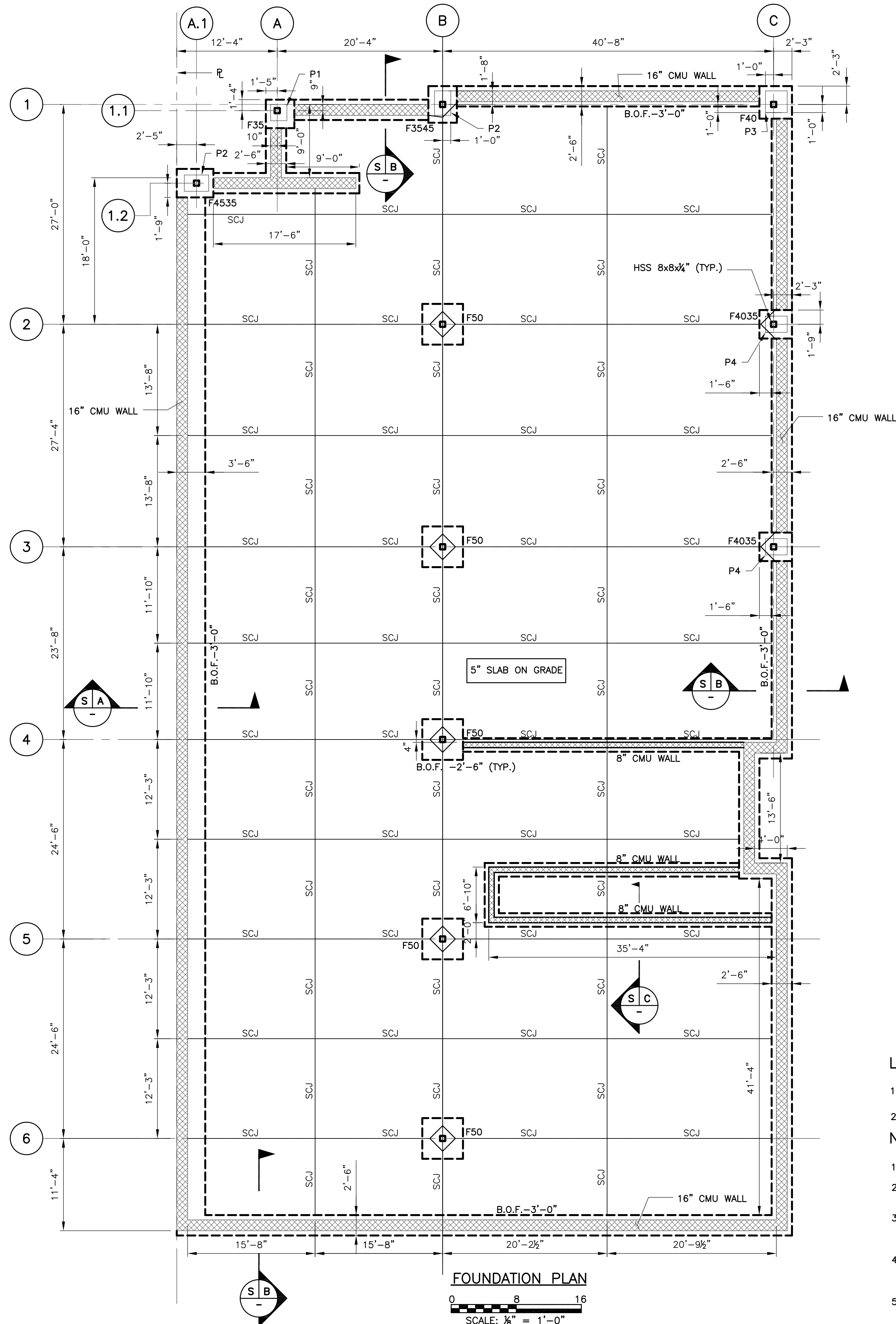
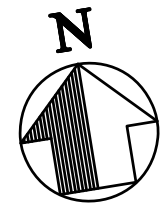
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 KC

CHECKED BY
 JG

DRAWING NO.

A9.2

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



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

LEGEND

- CMU FOUNDATION WALL
- SAWCUT JOINT

NOTES:

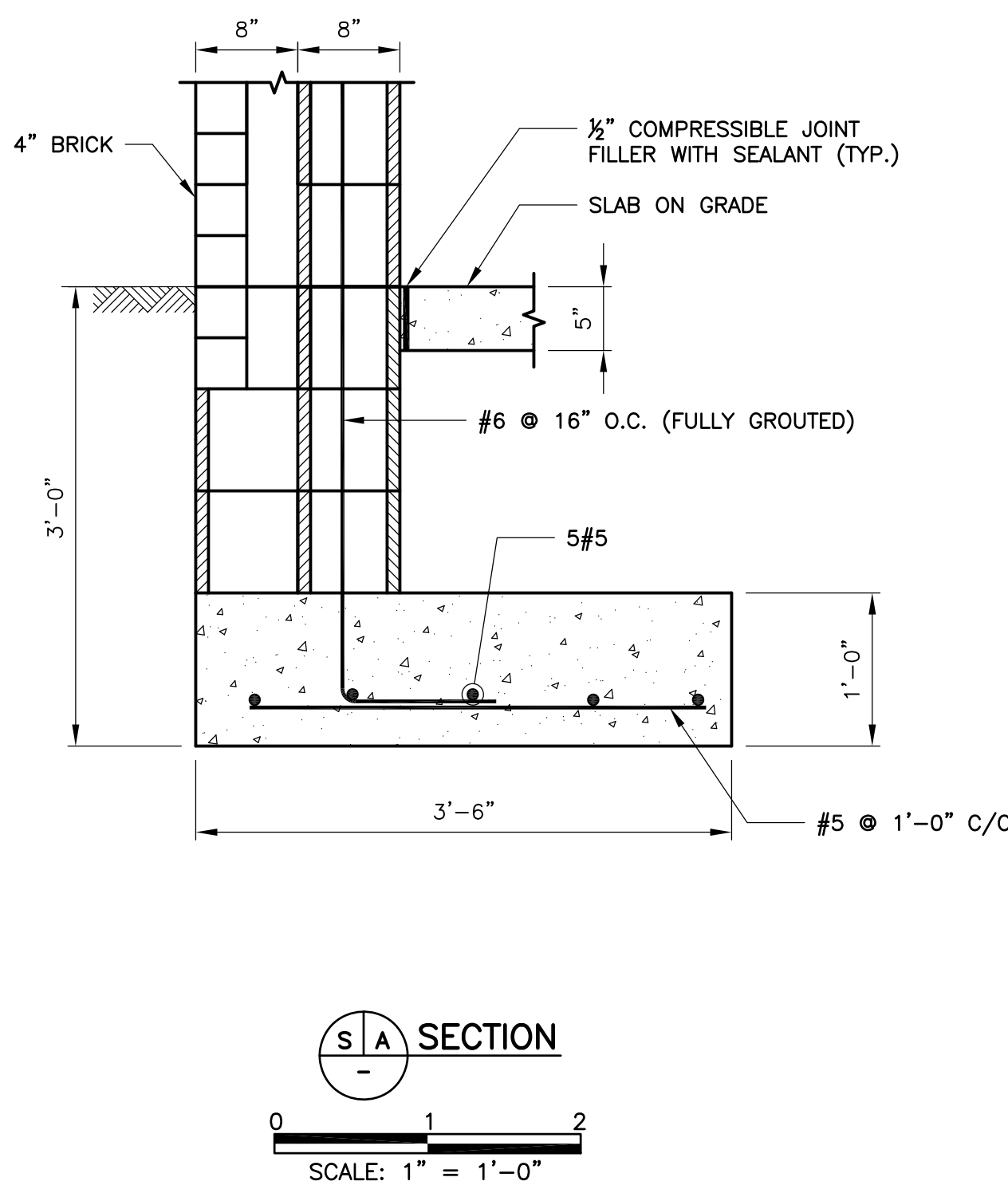
- SEE DWG S1 FOR GENERAL NOTES.
- FOUNDATION IS DESIGNED BASED ON SOIL BEARING CAPACITY OF 3000 PSF.
- TOP OF SLAB ELEVATION IS DATUM ±0.00 ON PLAN. ALL ELEVATIONS SHOWN THUS (-3'-6") ARE IN RELATION TO THIS DATUM.
- REFER ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS DIMENSIONS AND ADDITIONAL INFORMATION.
- 5" SLAB ON GRADE REINFORCEMENT WITH W/6x6-W2.9xW2.9 WELDED WIRE FABRIC ON 6 MILL VAPOUR BARRIER ON 6" DRAINAGE FILL.
- TOP OF FIRST FLOOR SLAB ELEVATION 104'-0" AS DATUM ELEVATION 0'-0".
- SCJ DENOTES SAWCUT JOINT; JOINT MUST BE CUT WITHIN 12 HRS AFTER PLACEMENT OF SLAB WITH OUT CURSSING DAMAGE TO CONCRETE.

FOOTING SCHEDULE

MARK	SIZE/WIDTH	DEPTH	REINFORCING
F35	3'-6"x3'-6"	1'-0"	(4) #5 EACH WAY, BOTTOM
F3545	3'-6"x4'-6"	1'-4"	(5) #5 EACH WAY, BOTTOM
F40	4'-0"x4'-0"	1'-4"	(5) #5 EACH WAY, BOTTOM
F4035	4'-0"x3'-6"	1'-6"	(6) #5 EACH WAY, BOTTOM
F4535	4'-6"x3'-6"	1'-6"	(6) #5 EACH WAY, BOTTOM
F50	5'-0"x5'-0"	1'-6"	(6) #5 EACH WAY, BOTTOM

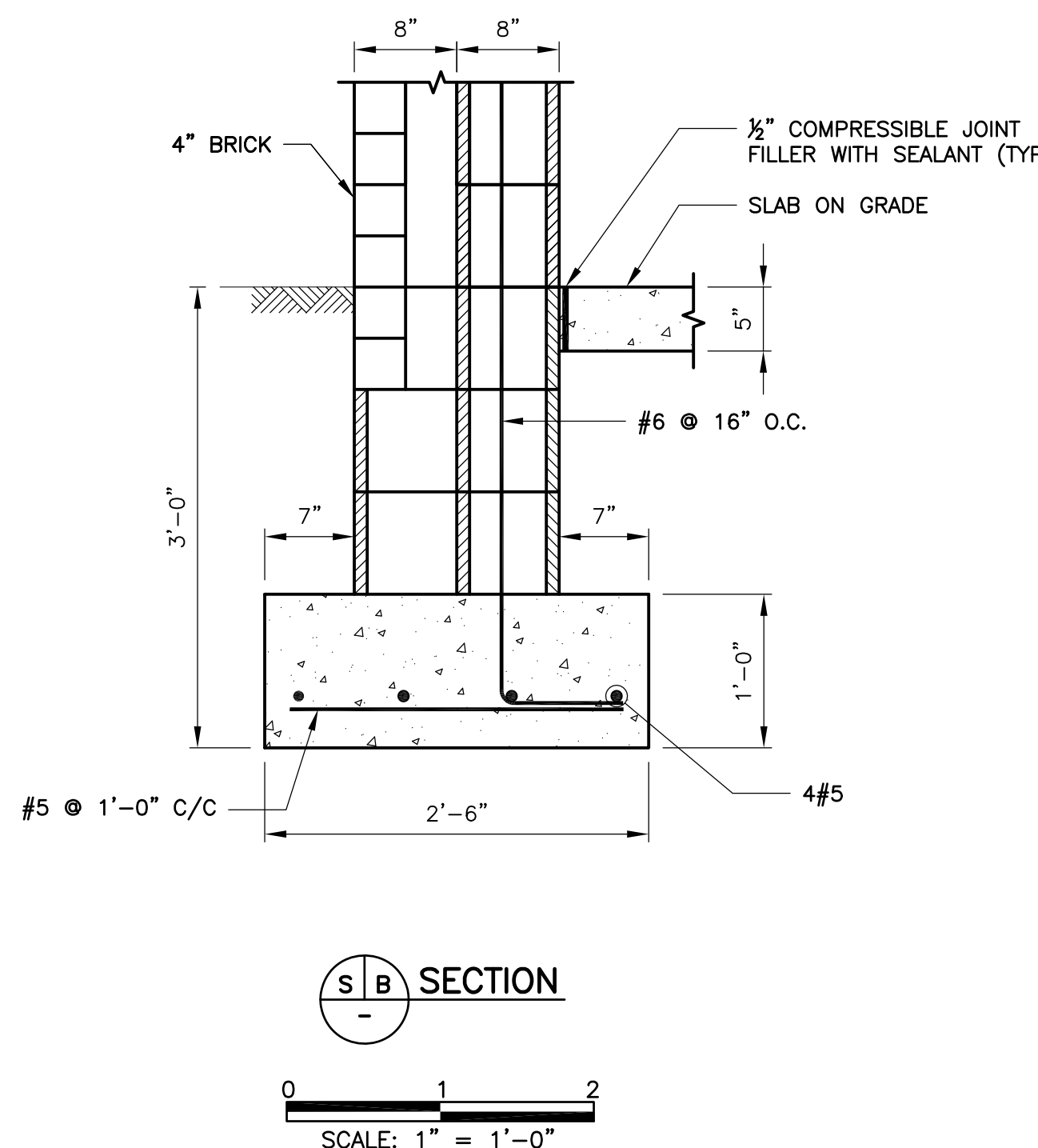
CONC PIER SCHEDULE

MARK	SIZE/WIDTH	VERT. REINF.	TIE
P1	2'-0"x2'-0"	8-#5	#4@12"
P2	2'-0"x3'-0"	10-#6	#4@12"
P3	2'-8"x2'-8"	12-#6	#4@12"
P4	2'-8"x2'-0"	10-#6	#4@12"



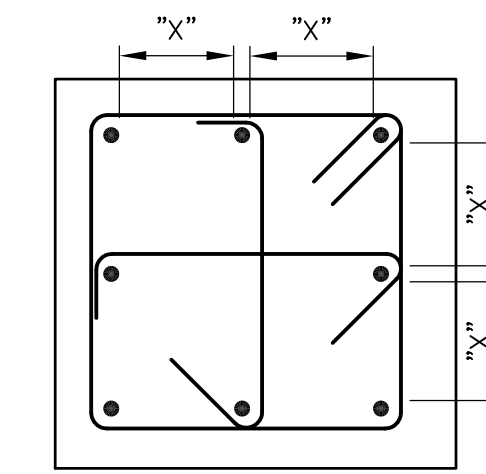
S A SECTION

SCALE: 1" = 1'-0"



S B SECTION

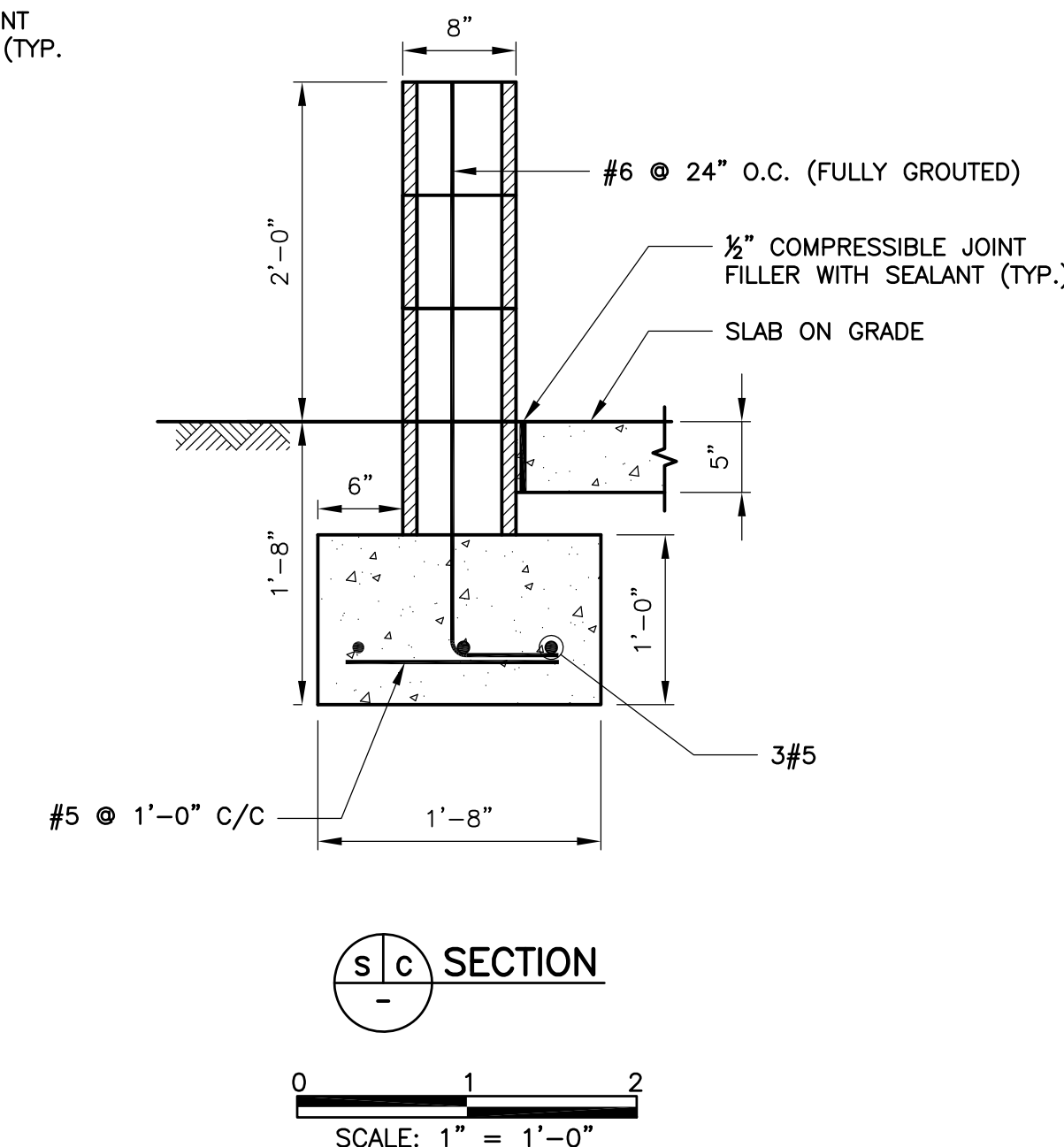
SCALE: 1" = 1'-0"



PIER DETAIL

COLUMN & PIER TIE SPACING

VERTICAL BAR SIZE	SPACING (C-C)	LEAST COLUMN OR PIER DIMENSION MAXIMUM
#5	10"	
#6	12"	
#7	14"	
#8	16"	
#9	18"	
#10	18"	
#11	22"	
#14	24"	
#18	24"	



S C SECTION

SCALE: 1" = 1'-0"

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

PROJECT COORDINATOR

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DEPARTMENT OF PUBLIC PROPERTY

1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE

MARTIN LUTHER KING
OLDER ADULT CENTER
21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

DRAWING TITLE

FOUNDATION PLAN

PROJECT NO.

20-11-4199-99

DATE

7-2-2015

SCALE

AS NOTED

DRAWN BY

M.PATEL

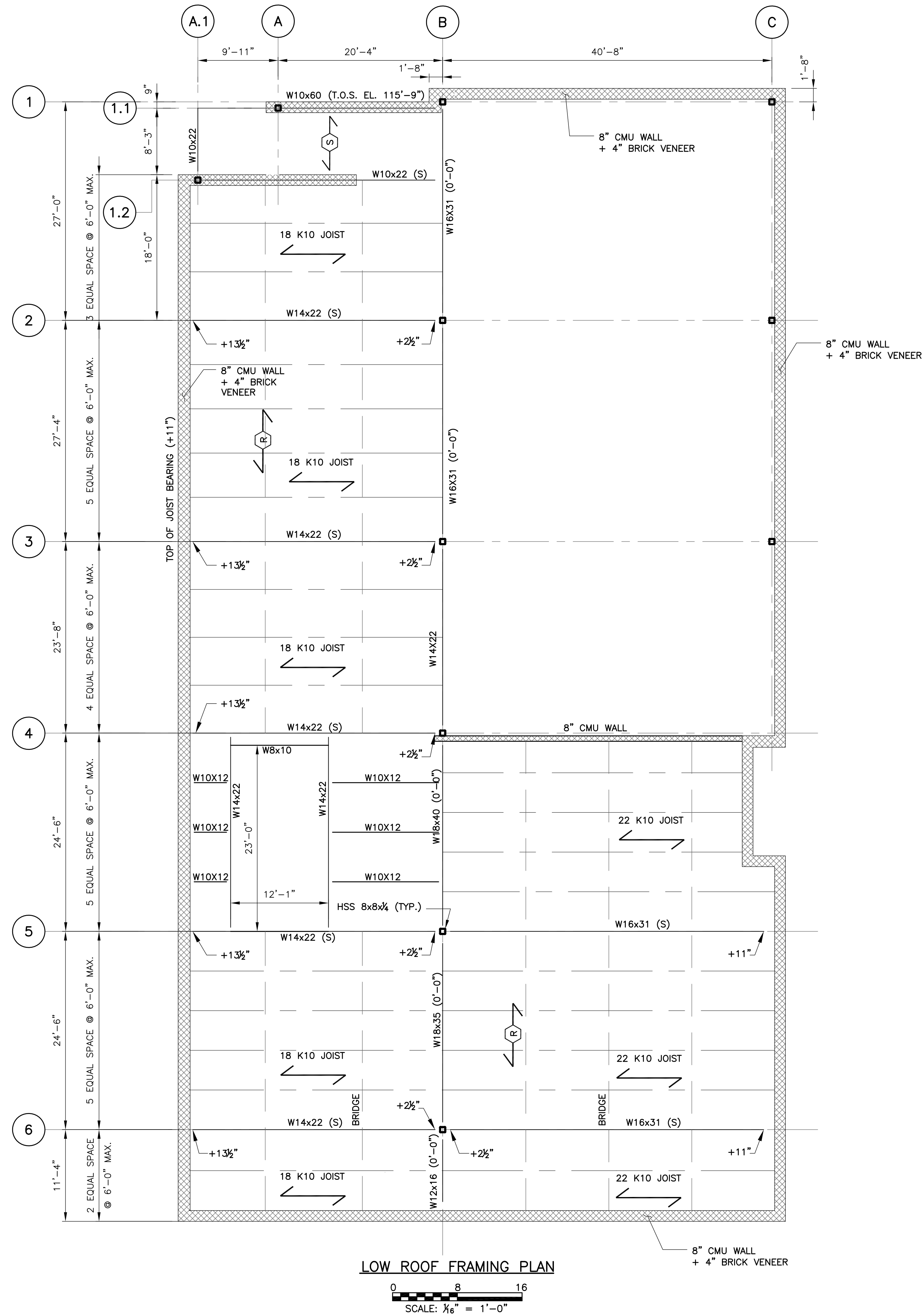
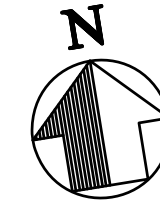
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S.CHOUHARY

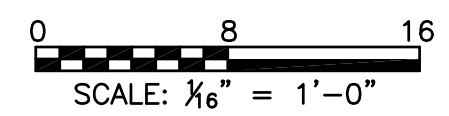
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S2.0

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LOW ROOF FRAMING PLAN



NOTES:

- SEE DWG S1 FOR GENERAL NOTES.
- MOMENT CONNECTION BEAM SHALL BE DESIGN TO SUPPORT THE LESSER OF 75% OF TOTAL (UNIFORM LOAD CAPACITY OF THE BEAM) LATERALLY SUPPORTED OR SHEAR CAPACITY OF BEAM.
- STEEL FOR ROOF TOP UNIT IS CONCEPTUAL.
- TOP OF STEEL DATUM (0'-0") IS ELEVATION 115'-9". ALL ELEVATIONS SHOWN THUS (-2") ARE IN RELATION TO THIS DATUM.

LEGEND

- CMU WALL
- DENOTES JOIST SPAN DIRECTION
- DECK TYPE "R", 20 GAGE
- 2' UF2X DECK, 20 GAGE
- BRIDGING

REVISIONS

ISSUE	DATE	REVISIONS

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PHILADELPHIA PENNSYLVANIA

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OLDER ADULT CENTER
21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

DRAWING TITLE
LOW ROOF
FRAMING PLAN

PROJECT NO. 20-11-4199-99	DRAWING NO. S3.0
DATE 7-2-2015	
SCALE AS NOTED	
DRAWN BY M.PATEL	
CHECKED BY S.CHOUHDHARY	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

PROJECT COORDINATOR

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CITY OF PHILADELPHIA
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PROJECT TITLE
**MARTIN LUTHER KING
 OLDER ADULT CENTER**
 21ST STREET & CECIL B. MOORE AVENUE
 PHILADELPHIA, PA 19121

DRAWING TITLE
**HIGH ROOF
 FRAMING PLAN**

PROJECT NO.
 20-11-4199-99

DATE
 7-2-2015

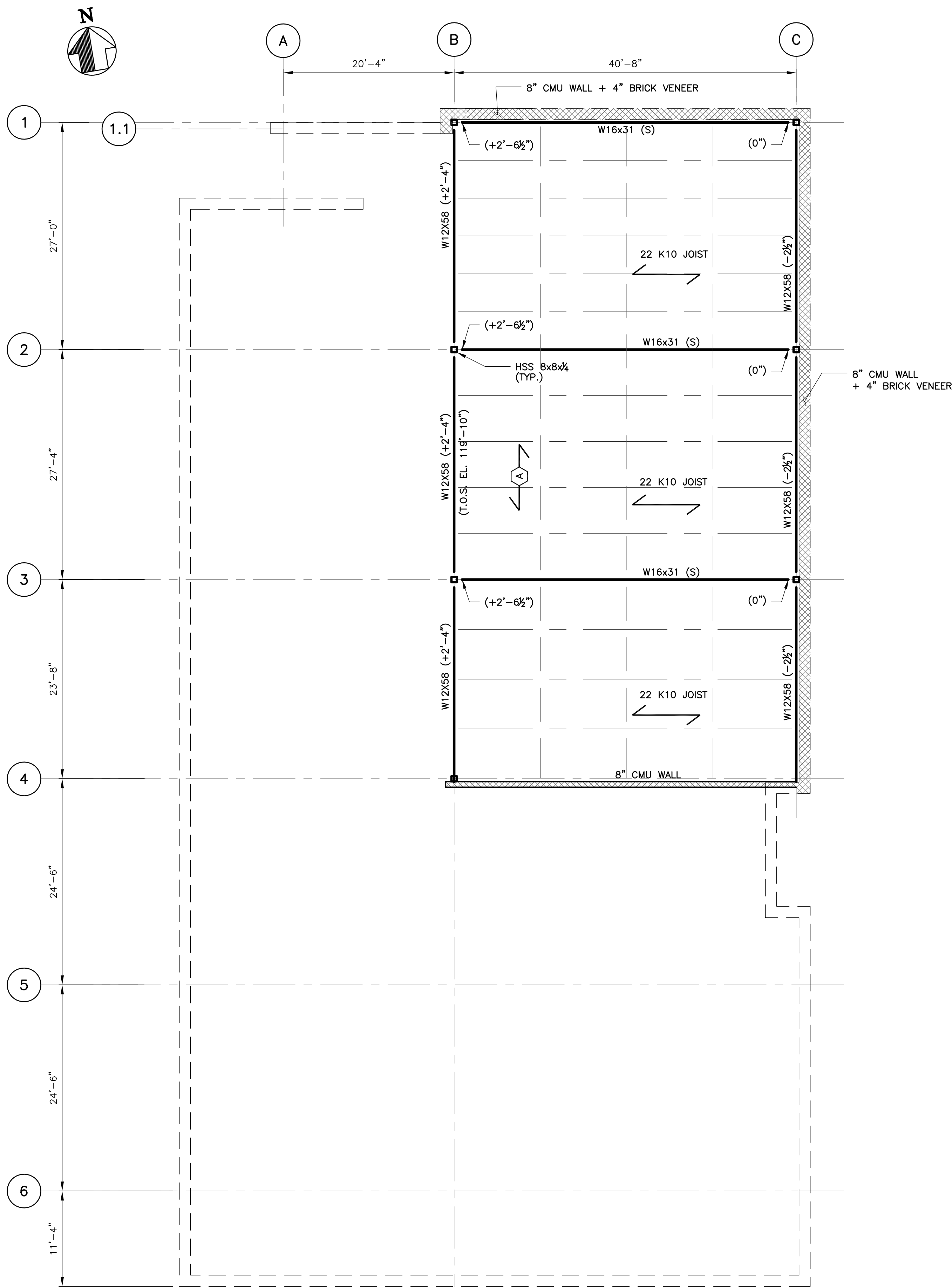
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 M.PATEL

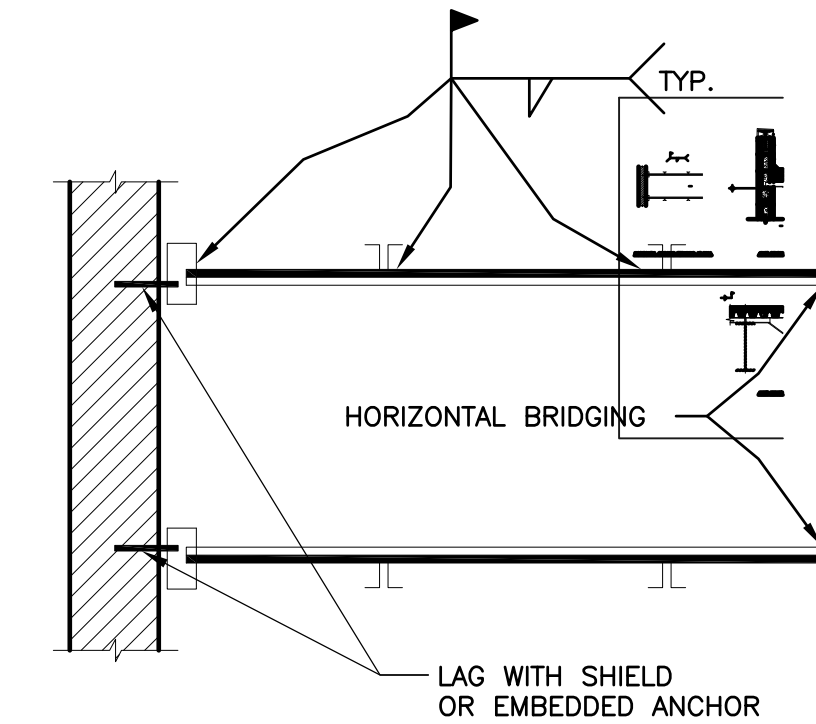
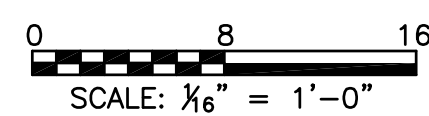
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 S.CHOUHDARY

DRAWING NO.
S4.0

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



HIGH ROOF FRAMING PLAN



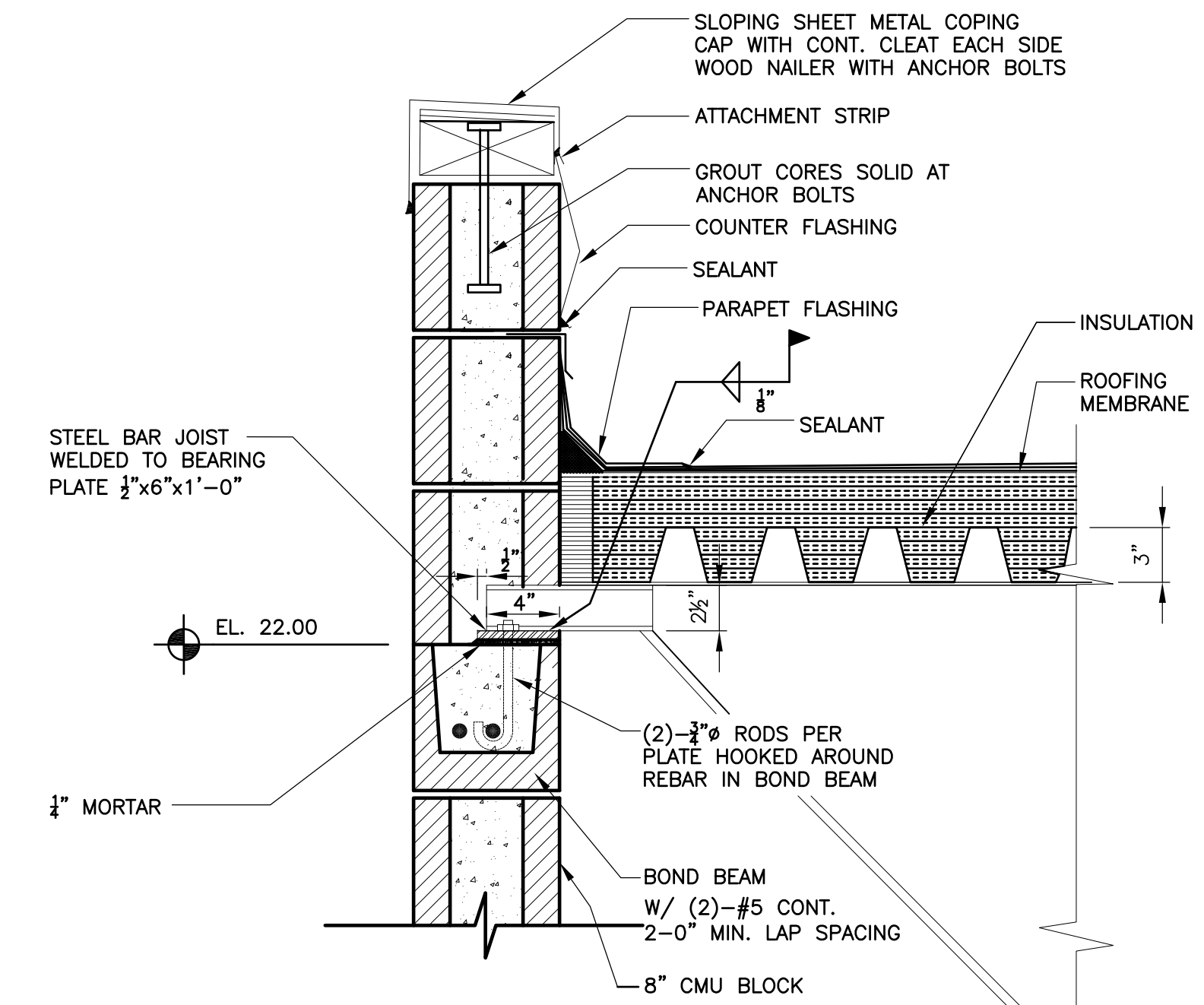
HORIZONTAL BRIDGING TERMINUS AT WALL
 N.T.S.

NOTES:

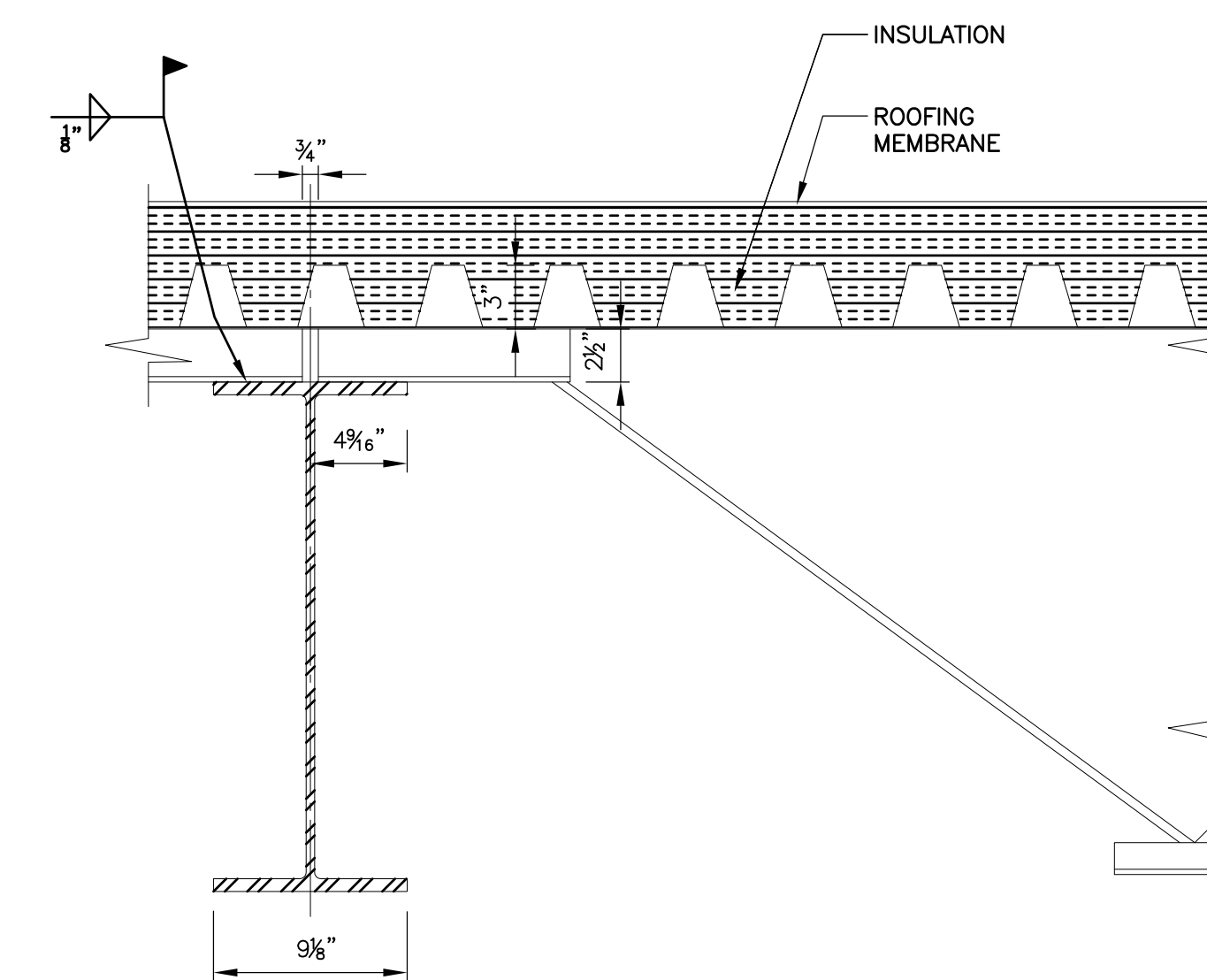
1. SEE DWG S1 FOR GENERAL NOTES.
2. MOMENT CONNECTION BEAM SHALL BE DESIGN TO SUPPORT THE LESSER OF 75% OF TOTAL (UNIFORM LOAD CAPACITY OF THE BEAM) LATERALLY SUPPORTED OR SHEAR CAPACITY OF BEAM.
3. TOP OF STEEL DATUM (0'-0") IS ELEVATION 119'-10". ALL ELEVATIONS SHOWN THUS (-2') ARE IN RELATION TO THIS DATUM.

LEGEND

- (S) SLOPE
- CMU WALL
- DENOTES JOIST SPAN DIRECTION
- ACOUSTIC ROOF ECK
- ACOUSTIC ROOF ECK



JOIST BEARING DETAIL AT WALL
 N.T.S.



JOIST BEARING DETAIL AT BEAM
 N.T.S.

Sheet: Choudhary, S4.001-2-1315-03-06 - Technical (Survey, Reports, Calc, CADD)\CADD\Structural\Sheet FILES\1331_03_04_HIGHRF FRAMING PLAN.dwg
 Jul 01, 2015 - 7:46pm

REVISIONS

ISSUE	DATE	REVISIONS

GAS FIRED HEAT RECOVERY VAV ROOFTOP UNIT SCHEDULE																																										
TAG	LOCATION	AREA SERVED	TOTAL AIR FLOW (CFM)	OUTSIDE AIR FLOW (CFM)	SUPPLY FANS			RETURN FANS			ENTHALPY WHEEL - SUMMER				ENTHALPY WHEEL-WINTER				WHEEL MOTOR (HP)	COOLING DATA								HEATING DATA				ELECTRICAL				DIMENSIONS (IN)	WEIGHT (LBS)	BASIS OF DESIGN MANUFACTURER/MODEL	REMARKS			
					NUMBER	MOTOR (HP) EACH	MAX ESP (IN WC)	NUMBER	MOTOR (HP) EACH	MAX ESP (IN WC)	EAT DB (F)	EAT WB (F)	LAT DB (F)	LAT WB (F)	EAT DB (F)	EAT WB (F)	LAT DB (F)	LAT WB (F)		EAT DB (F)	EAT WB (F)	LAT DB (F)	LAT WB (F)	GAS PRESS (IN WC)	INPUT (MBH)	OUTPUT (MBH)	EAT (F)	LAT (F)	MOCF	FLA	MCA	VIPH	L	W	H							
RTU-1	ROOF	ENTIRE BLDG	15,000	3,300	2	10	2.0	2	7.5	1.0	92.0	75.0	79.3	67.3	11.0	8.0	56.3	44.2	0.25	38	445	341	95.0	76.0	64.0	55.0	54.0	7	265	212	67.0	80.0	300	251	270.0	2083	350	114	114	12,500	ANNEXAR ERP-16-EW03-C-HG-AM08	SEE NOTES
NOTES: 1. PROVIDE ROOF CURB, ECONOMIZER, ENTHALPY WHEEL WITH FROST CONTROL AND BYPASS DAMPERS, INTERNAL VIBRATION ISOLATION, MERV 13 FILTERS, VFDS (ON ALL FANS, COMPRESSORS AND WHEEL), DISCHARGE AIR CONTROL, SINGLE POINT CONNECTION AND DISCONNECT. 2. ONLY THE OUTSIDE AIRFLOW AND A CORRESPONDING AMOUNT OF RETURN AIR PASSES THROUGH THE ENTHALPY WHEEL. THE REMAINDER OF THE RETURN BYPASSES THE WHEEL. THE COOLING COIL AND GAS FURNACE ENTERING AIR CONDITIONS REPRESENT THE MIXED AIR CONDITION DOWNSTREAM. 3. THE ENTHALPY WHEEL CONDITIONS SHOWN ARE FOR THE OUTSIDE AIR. THESE AREA BASED UPON 92 DB, 75 WB OA AND 75 DB, 63 WB RA IN SUMMER AND 11 DB, 8 WB OA AND 70 DB, 53 WB RA IN WINTER.																																										

DESIGN DEVELOPMENT

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CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MARTIN LUTHER KING
 OLDER ADULT CENTER**
 21ST STREET & CECIL B. MOORE AVENUE
 PHILADELPHIA, PA 19121

DRAWING TITLE
**MECHANICAL -
 HVAC SCHEDULES & DETAILS**

PROJECT NO.
 20-11-4199-99

DATE
 7-2-2015

SCALE
 AS NOTED

DRAWN BY
 DMJ

CHECKED BY
 JIB,DMJ

DRAWING NO.
M2.1

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

GENERAL FIRE PROTECTION NOTES

- THESE NOTES APPLY TO ALL FIRE PROTECTION DRAWINGS.
- ALL SYMBOLS AND ABBREVIATIONS MAY NOT APPLY TO THIS PROJECT.
- ALL WORK SHALL COMPLY WITH ALL APPLICABLE NFPA STANDARDS, LATEST EDITION.
- PROVIDE ALL CODE OR NFPA REQUIRED WORK OR DEVICES AT NO COST, WHETHER SHOWN OR NOT.
- PROVIDE ALL TRANSITIONS AND OFFSETS AS REQUIRED AT NO COST.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO STARTING WORK. DO NOT SCALE DRAWINGS.
- VERIFY EQUIPMENT CONNECTIONS WITH AND INSTALL PER MANUFACTURER'S DATA.
- TRANSITION AS REQUIRED TO MAKE FINAL EQUIPMENT CONNECTIONS.
- INSTALL ALL PIPING AS HIGH AS POSSIBLE UNLESS OTHERWISE NOTED.
- PROVIDE 4" HIGH CONCRETE PADS BENEATH ALL FLOOR MOUNTED EQUIPMENT.
- COORDINATE PAD SIZES WITH EQUIPMENT. PAD SHALL BE 4" WIDER THAN EQUIPMENT, ALL SIDES.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES AND INSPECTIONS REQUIRED.
- PROVIDE ACCESS PANELS AS REQUIRED TO SERVICE CONCEALED EQUIPMENT, VALVES, ETC.
- ALL EQUIPMENT AND MATERIALS SHALL BE UL LISTED AND FM APPROVED.
- CONFORM TO ALL REQUIREMENTS OF ANY AUTHORITY HAVING JURISDICTION AT NO COST.
- THESE DOCUMENTS ARE CREATED UNDER A PERFORMANCE SPECIFICATION BASIS.
- THE CONTRACTOR SHALL RETAIN FULL DESIGN RESPONSIBILITY FOR ALL WORK.
- CONTRACTOR SHALL PERFORM ALL REQUIRED CALCULATIONS TO SIZE PIPING, ETC.
- CONTRACTOR SHALL ARRANGE FOR A NEW HYDRANT TEST PERFORMED PER NFPA REQUIREMENTS.
- THE RESULTS OF THE NEW HYDRANT TEST SHALL BE BASIS OF CONTRACTOR'S CALCULATIONS.
- HEADS ARE SHOWN MERELY TO INDICATE TYPE AND TYPICAL ARRANGEMENT.
- NUMBER, LOCATION, ETC. OF HEADS SHALL BE DETERMINED BY CONTRACTOR PER NFPA 13.
- LOCATE HEADS IN CENTER OF CEILING TILES.
- SPRINKLER SYSTEMS SHALL BE DESIGNED PER THE AREA/DENSITY METHOD IN NFPA 13.
- THE ROOM DESIGN METHOD SHALL NOT BE USED.
- PROVIDE FOR A MINIMUM 10 PSI FACTOR OF SAFETY.
- DESIGN FOR MULTIPLE HYDRAULICALLY REMOTE AREAS IF REQUIRED BY THE BUILDING.
- ALL AREAS SHALL BE DESIGNED FOR A LIGHT HAZARD OCCUPANCY UNLESS NOTED OTHERWISE OR NFPA REQUIRES.
- ALL THREADED PIPE SHALL BE MINIMUM SCHEDULE 40 AND MINIMUM PIPE SIZE SHALL BE 1.
- FIRE SAFE ALL PENETRATIONS OF FIRE AND SMOKE RATED CONSTRUCTION.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED CONSTRUCTION.
- PROVIDE DIELECTRIC FITTINGS WHERE JOINING PIPING OF DIFFERENT MATERIALS.
- COORDINATE WITH ROOM FINISHES, ETC. EXISTING OR SHOWN ON ARCHITECTURAL DRAWINGS.
- INSTALL ALL EQUIPMENT, PIPING, ETC. LEVEL AND PLUMB UNLESS OTHERWISE NOTED.
- CONCENTRATE LOADS AT BEAMS, JOISTS, ETC. PROVIDE STEEL SUPPORTS AS REQUIRED.
- COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
- ALL WORK SHALL CONFORM WITH ALL LOCAL UTILITY REQUIREMENTS AT NO COST.
- PROVIDE ALL TRENCHING AND BACKFILLING AS REQUIRED.
- PROVIDE ALL CUTTING AND PATCHING AS REQUIRED.
- REPAIR ANY DAMAGED FINISHES TO MATCH EXISTING ADJACENT.
- INSTALL ALL PIPING, ETC. ABOVE CEILINGS IN ROOMS WITH CEILING UNLESS OTHERWISE NOTED.
- INSTALL ALL EXPOSED PIPING PARALLEL OR AT RIGHT ANGLES TO WALLS AND WITH SYMMETRICAL HEAD LAYOUT.
- COORDINATE THE WORK WITH THAT OF ALL OTHER TRADES.
- PROVIDE SEISMIC BRACING PER THE REQUIREMENTS OF THE IBC AND NFPA.
- REPLACE ALL CEILING TILES AND GRID DAMAGED AS A RESULT OF THE WORK AT NO COST.
- COORDINATE THE WORK WITH THAT OF ALL OTHER TRADES.
- TEST SYSTEM IN PRESENCE OF AHJ PER NFPA 13 AND MAKE ANY CORRECTIVE ACTIONS REQUIRED.
- SUBMIT REQUIRED CALCULATIONS AND DRAWINGS TO AHJ AND ENGINEER FOR APPROVAL.
- THESE DOCUMENTS ARE PREPARED WITH THE UNDERSTANDING THAT THE BIDDING CONTRACTOR IS EXPERT IN THE BIDDING AND CONSTRUCTION OF A PROJECT OF THIS TYPE AND HAS VISITED THE SITE. THE DOCUMENTS ARE INTENDED TO DESCRIBE THE GENERAL DESIGN INTENT AND MAY NOT INDICATE ALL OFFSETS, DEVICES, APPURTENANCES, OR CONSTRUCTION DIFFICULTIES. THE CONTRACTOR SHALL PROVIDE ALL ITEMS AND WORK REQUIRED FOR A CODE COMPLIANT, FULL FUNCTIONING SYSTEM WHETHER SHOWN ON THE DOCUMENTS OR NOT, AT NO COST TO PROJECT.

GENERAL FIRE PROTECTION NOTES

- #### FIRE PROTECTION/ELECTRICAL COORDINATION NOTES
- THE FPC SHALL PROVIDE ALL FLOW SWITCHES AND SUPERVISORY SWITCHES.
 - THE EC SHALL PROVIDE ALL WIRING AND CONDUIT FROM FLOW AND SUPERVISORY SWITCHES TO THE FIRE ALARM PANEL.
 - THE EC SHALL MAKE ALL FINAL CONNECTIONS AT THE SWITCHES AND FIRE ALARM PANELS.
 - ALL VALVES EXCEPT DRAIN VALVES IN THE SYSTEM SHALL BE PROVIDED WITH SUPERVISORY SWITCHES.
 - THE FPC SHALL PROVIDE ALL HEAT DETECTORS FOR CLEAN AGENT SYSTEMS.
 - THE EC SHALL INSTALL ALL WIRE ALL HEAT DETECTORS.

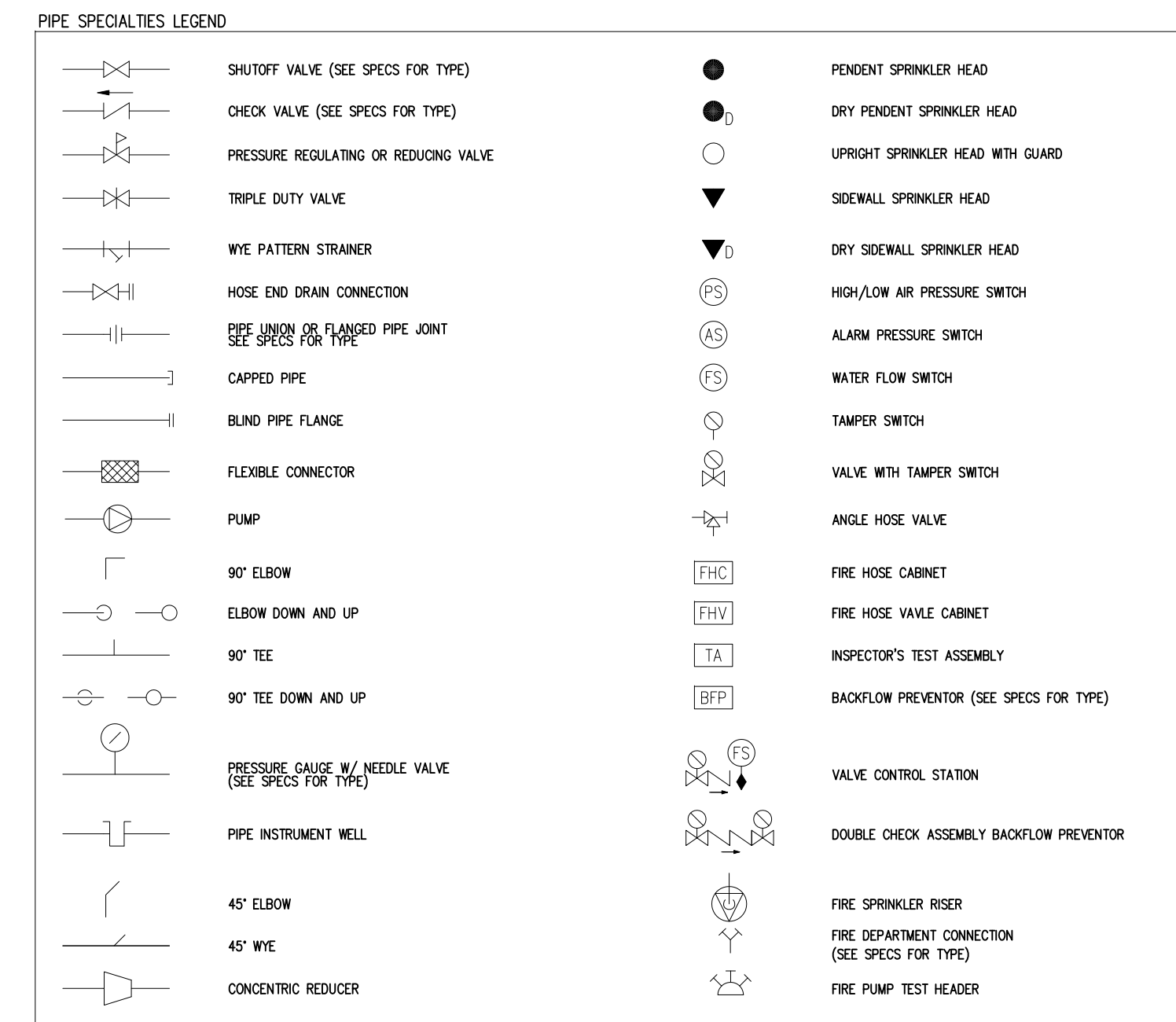
HYDRANT TEST DATA

DATE OF TEST:	—/—/2014
PRESSURE HYDRANT LOCATION:	CORNER OF XX STREET AND YY AVENUE
FLOW HYDRANT LOCATION:	CORNER OF XX STREET AND YY AVENUE
CITY AND STATE:	NOWHERE, PA 1900X
STATIC PRESSURE:	— PSI
RESIDUAL PRESSURE:	— PSI
FLOW RATE:	— GPM
AGENCY CONDUCTING TEST:	SOMEBOUY

DESIGN CRITERIA (WET SYSTEMS)

HAZARD CLASSIFICATION	DENSITY (GPM/SF)	AREA OF APPLICATION (SF)	MAXIMUM SPRINKLER COVERAGE (SF/HEAD)
LIGHT HAZARD	0.10	1500	1500
ORDINARY HAZARD GROUP 1	0.15	1500	1500
ORDINARY HAZARD GROUP 2	0.20	1500	1500

GENERAL FIRE PROTECTION SYMBOLS LEGEND



GENERAL ABBREVIATIONS

ABV	ABOVE
AC	AIR COMPRESSOR
AD	ACCESS DOOR
AF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AP	ACCESS PANEL
BAS	BUILDING AUTOMATION SYSTEM
BEI	BURRIS ENGINEERS, INC.
BFP	BACKFLOW PREVENTOR
BLD	BUILDING
BLW	BELOW
BSD	BASES OF DESIGN
BSP	BOTTOM OF PIPE
BOS	BOTTOM OF STEEL
CA	COMPRESSED AIR
CFM	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CO	CLEANOUT
CONC	CONCRETE
CONT	CONTINUED
CJ	COPPER
CW	(DOMESTIC) COLD WATER (PIPE)
D	DECKLESH
DCBP	DOUBLE CHECK ASSEMBLY BACKFLOW PREVENTOR
DDC	DIRECT DIGITAL CONTROL (SYSTEM)
DGR	DEGREES (FAHRENHEIT UNIT)
DA	DIAMETER
DN	DOWN
DR	DRAIN
DWG	DRAWING
(E)	EXISTING (TO REMAIN)
(E1)	EXISTING TO BE RELOCATED
EA	EACH
EC	ELECTRICAL CONTRACTOR
EXT	EXTENSOR
(F)	(DEGREES) FAHRENHEIT
FC	FLEXIBLE CONNECTOR
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FTE	FINISHED FLOOR ELEVATION
FLA	FULL LOAD AMPS
FLR	FLOOR
FPC	FIRE PROTECTION CONTRACTOR
FTM	FEET PER MINUTE
FPS	FEET PER SECOND
FS	FLOW SWITCH
FT	FEET
GAL	GALLONS
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
H	HEIGHT OR HIGH
HD	HEAD
HP	HORIZONTAL
HZ	FREQUENCY IN HERTZ
ID	INSIDE DIAMETER
E	INSET ELEVATION
IN	INCHES
KVA	KILOVOLT-AMPS
KW	KILOWATTS
KWH	KILOWATTS PER HOUR
L	LENGTH
LES	LEAKS
LRA	LOCKED ROTOR AMPS
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPCACITY
MIN	MINIMUM
MCP	MINIMUM OVERCURRENT PROTECTIVE DEVICE (SIZE IN AMPERES)
MSP	MSP RECEPTOR
MR	NEW (WORK)
(N)	NORMALLY CLOSED
NC	NATIONALLY OPEN
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION (STANDARD/S)
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
P	PUMP
PC	PLUMBING CONTRACTOR
PH	PHASE
PV	POST INDICATOR VALVE
PRESS	PRESSURE
PRV	PRESSURE REDUCING OR REGULATING VALVE
PS	PRESSURE SENSOR OR SWITCH
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH, ABSOLUTE PRESSURE
PSIG	POUNDS PER SQUARE INCH, GAUGE PRESSURE
QTY	QUANTITY
(R)	REMOVE
(RE)	RELOCATED EXISTING
RAC	RUN ABOVE CEILING
RBF	RUN BELOW FLOOR
RLA	RUNNING LOAD AMPS
RPW	REVOLUTIONS PER MINUTE
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTOR
SEC	SECONDS
SF	SQUARE FEET
STRUCT	STRUCTURE(L)
TMP	TEMPERATURE
TOS	TOP OF STEEL
TYP	TYPICAL
UNLESS OTHERWISE NOTED	UNLESS OTHERWISE NOTED
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
VF	VERIFY IN FIELD
W	WATTS OR WIDTH
W/	WITH
W/O	WITHOUT
XFR	TRANSFER
XFRM	TRANSFORMER

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

PROJECT COORDINATOR

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CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY

1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

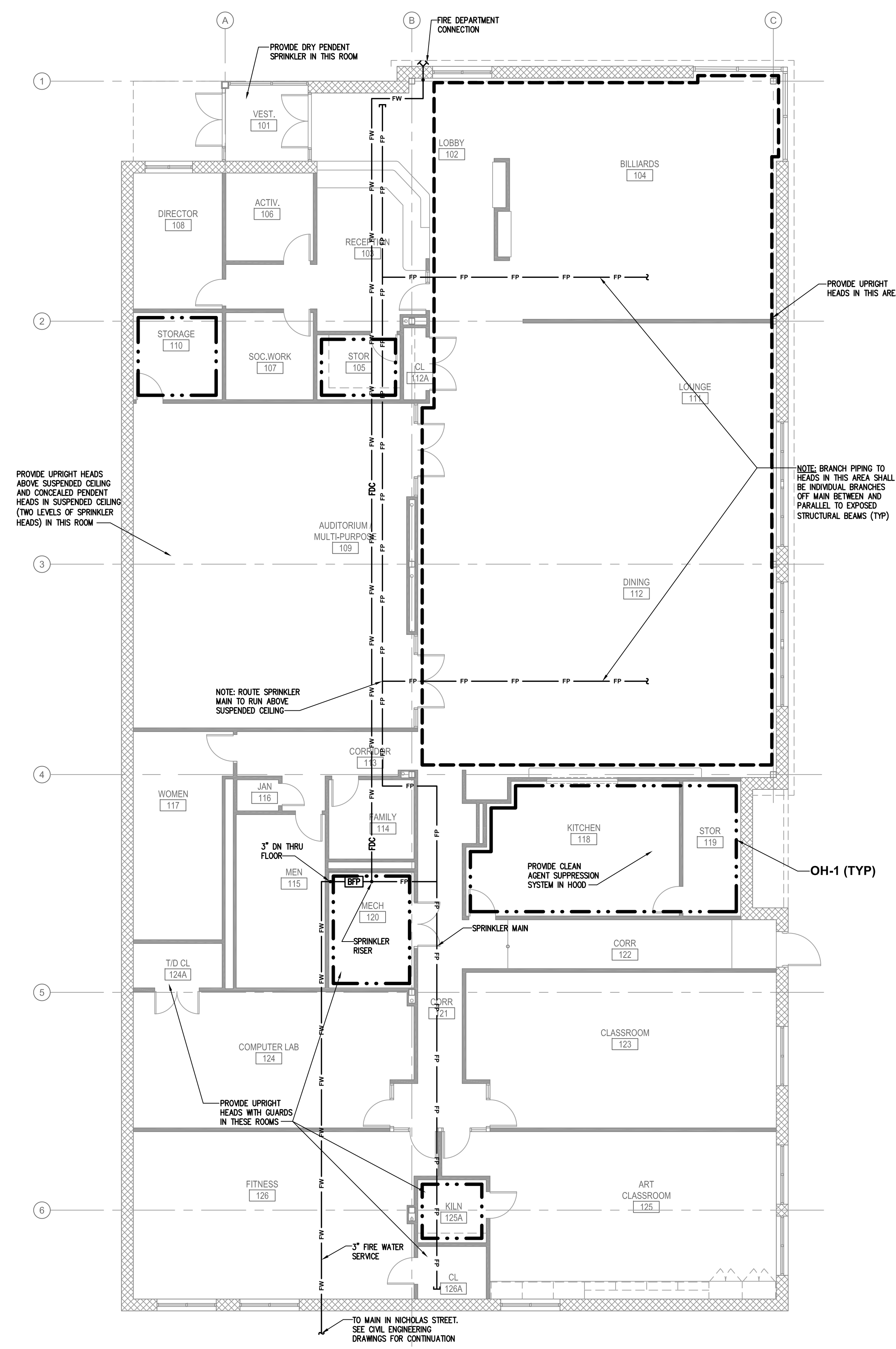
**MARTIN LUTHER KING
OLDER ADULT CENTER**

21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

FIRE PROTECTION -
COVER SHEET

PROJECT NO.	20-11-4199-99	DRAWING NO.	
DATE	7-2-2015	FPO.0	
SCALE	AS NOTED		
DRAWN BY	DMJ		
CHECKED BY	JIB,DMJ		

ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



NOTES:
 1. ALL AREAS SHALL BE DESIGNED AS A LIGHT HAZARD OCCUPANCY WITH CONCEALED PENDENT HEADS EXCEPT AS NOTED OTHERWISE.

HYDRANT TEST DATA
 TEST HYDRANT: 21ST & TURNER STREETS
 FLOW HYDRANT: 21ST & CECIL B. MOORE AVENUE
 STATIC PRESSURE: 45 PSIG
 RESIDUAL PRESSURE: 20 PSIG
 FLOW RATE: 2370 GPM

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

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CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MARTIN LUTHER KING
 OLDER ADULT CENTER**
 21ST STREET & CECIL B. MOORE AVENUE
 PHILADELPHIA, PA 19121

DRAWING TITLE
**FIRE PROTECTION -
 FLOOR PLANS**

PROJECT NO.
 20-11-4199-99

DATE
 7-2-2015

SCALE
 AS NOTED

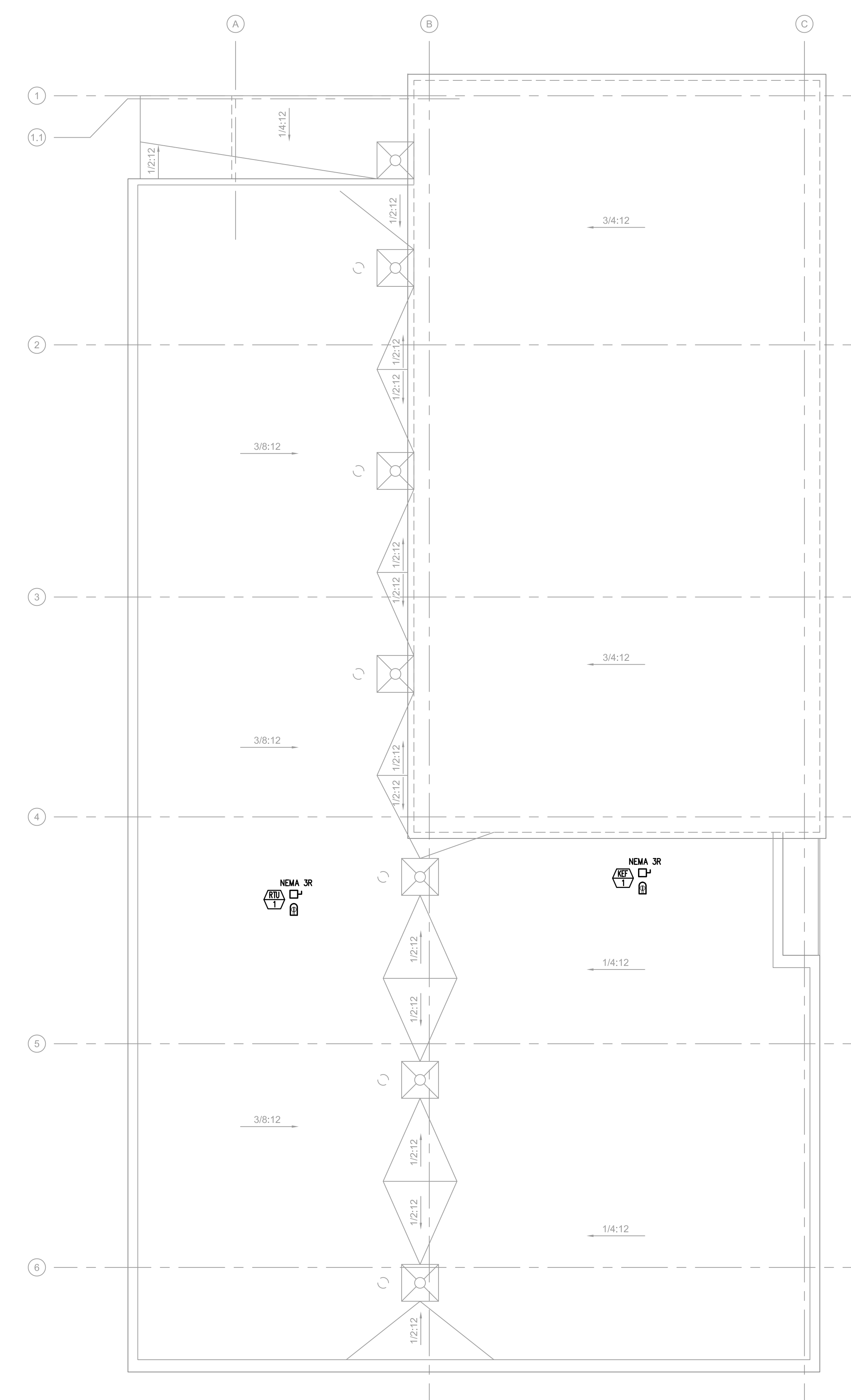
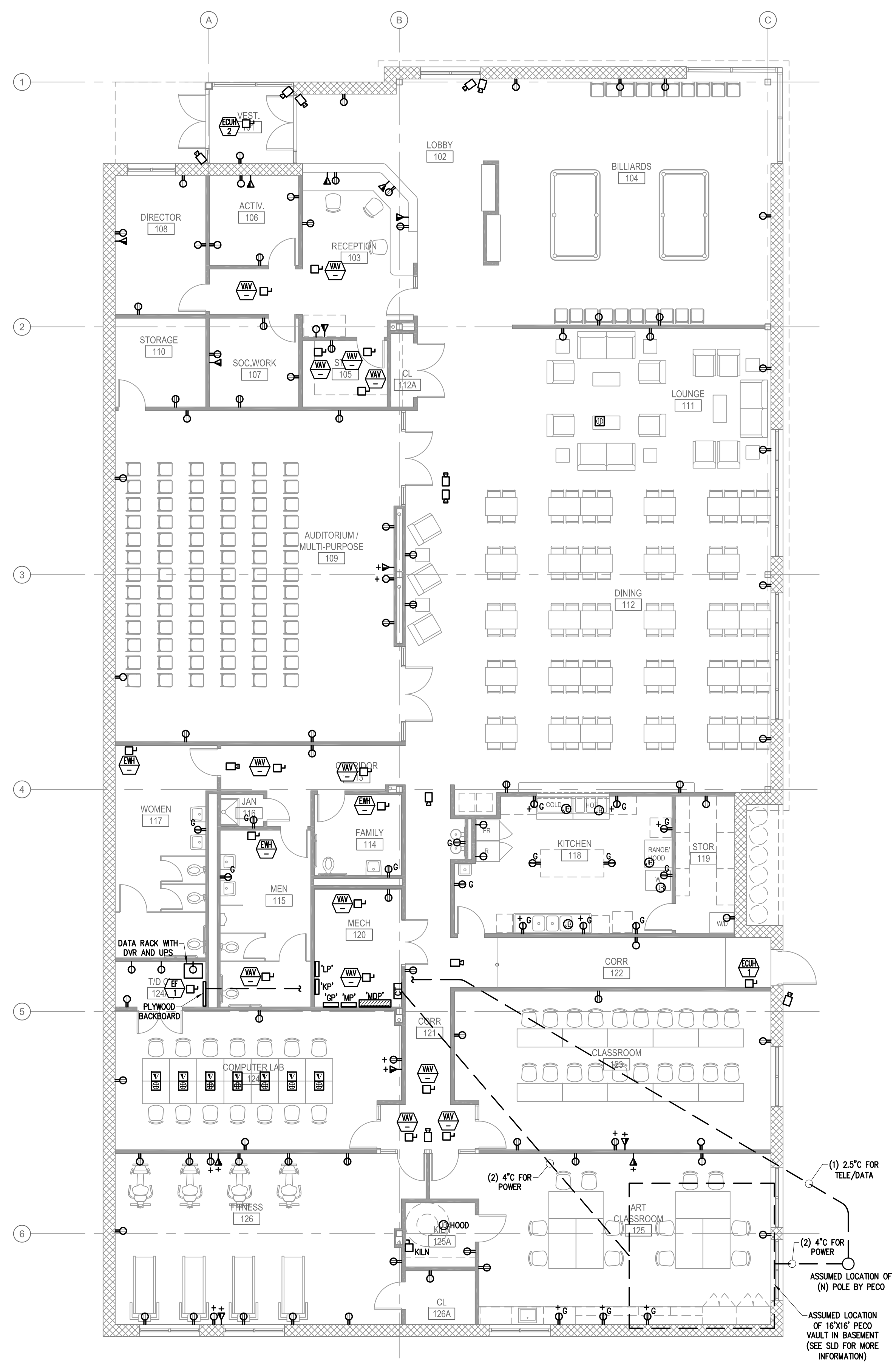
DRAWN BY
 DMJ

CHECKED BY
 JIB,DMJ

FP1.1

1 FLOOR FIRE PROTECTION PLAN
 FP1.1 SCALE: 1/8" = 1'-0"

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



REVISIONS		
ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

PROJECT COORDINATOR
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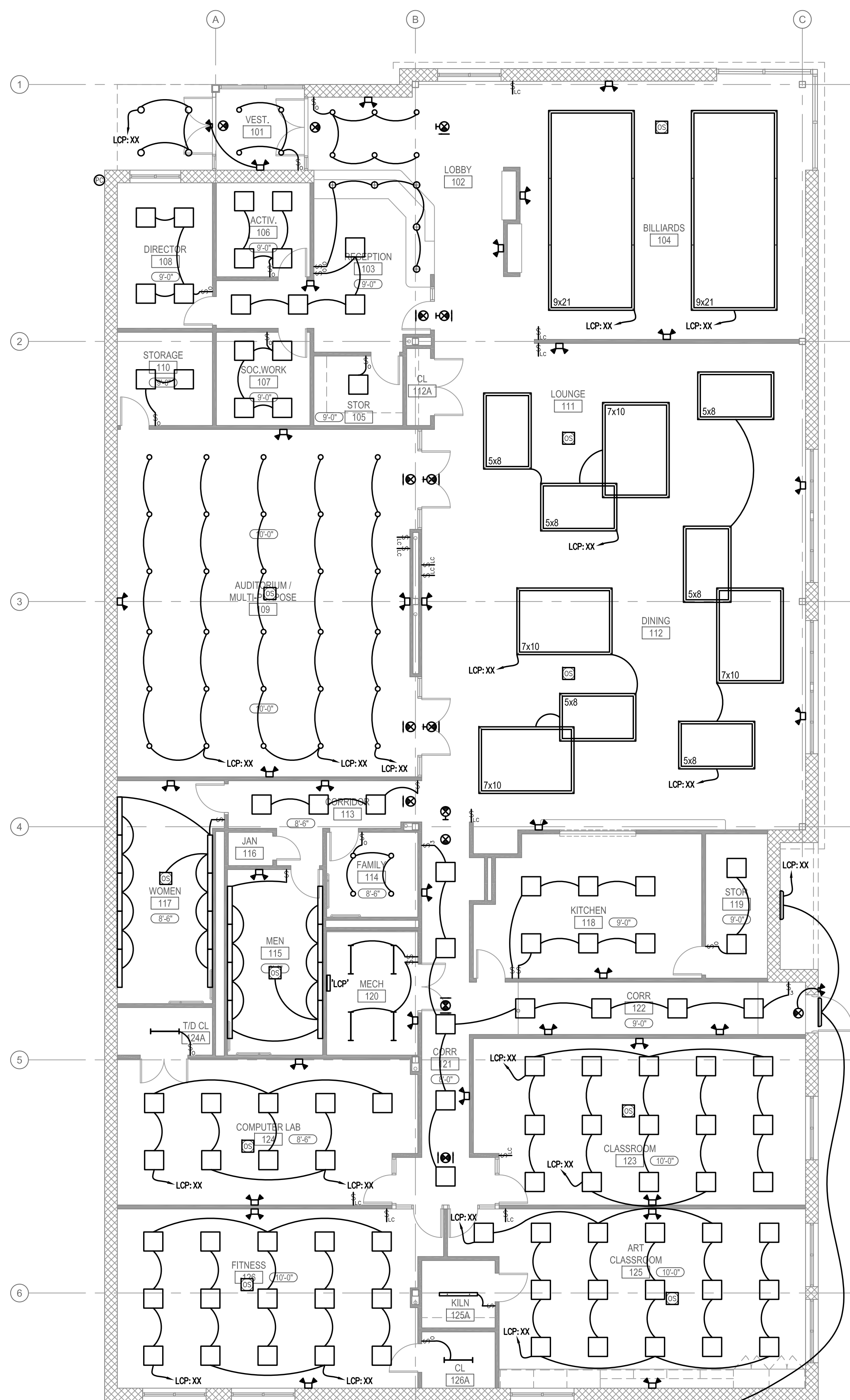
CITY OF PHILADELPHIA
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PHILADELPHIA, PENNSYLVANIA

PROJECT TITLE
**MARTIN LUTHER KING
OLDER ADULT CENTER**
21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

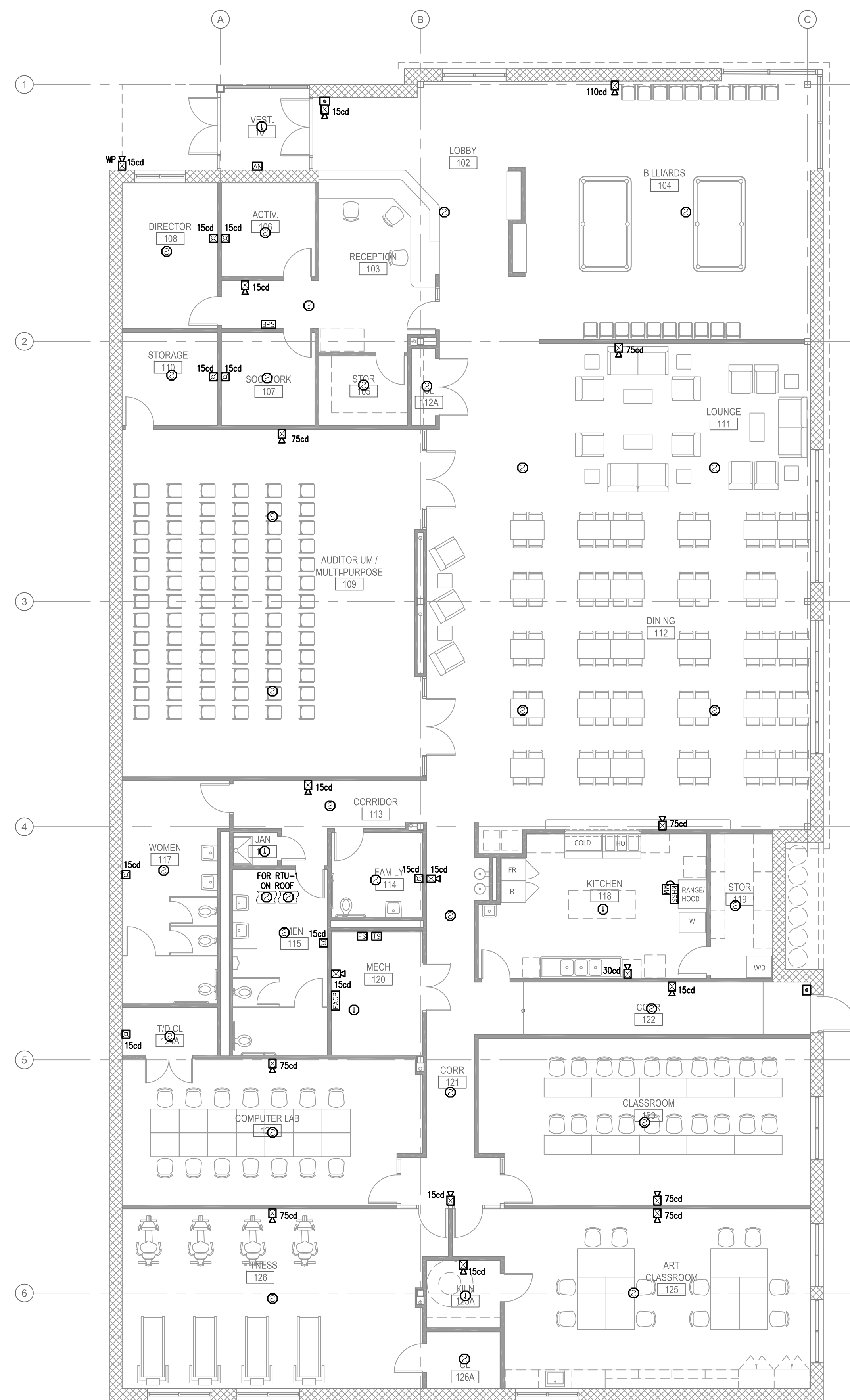
DRAWING TITLE
**ELECTRICAL -
POWER & SYSTEMS PLANS**

PROJECT NO. 20-11-4199-99	DRAWING NO. E1.1
DATE 7-2-2015	
SCALE AS NOTED	
DRAWN BY JMB,ATA	
CHECKED BY JIB, JMB	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



1 FLOOR LIGHTING PLAN
E1.2 SCALE: 1/8" = 1'-0"



2 FLOOR FIRE ALARM PLAN
E1.2 SCALE: 1/8" = 1'-0"

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

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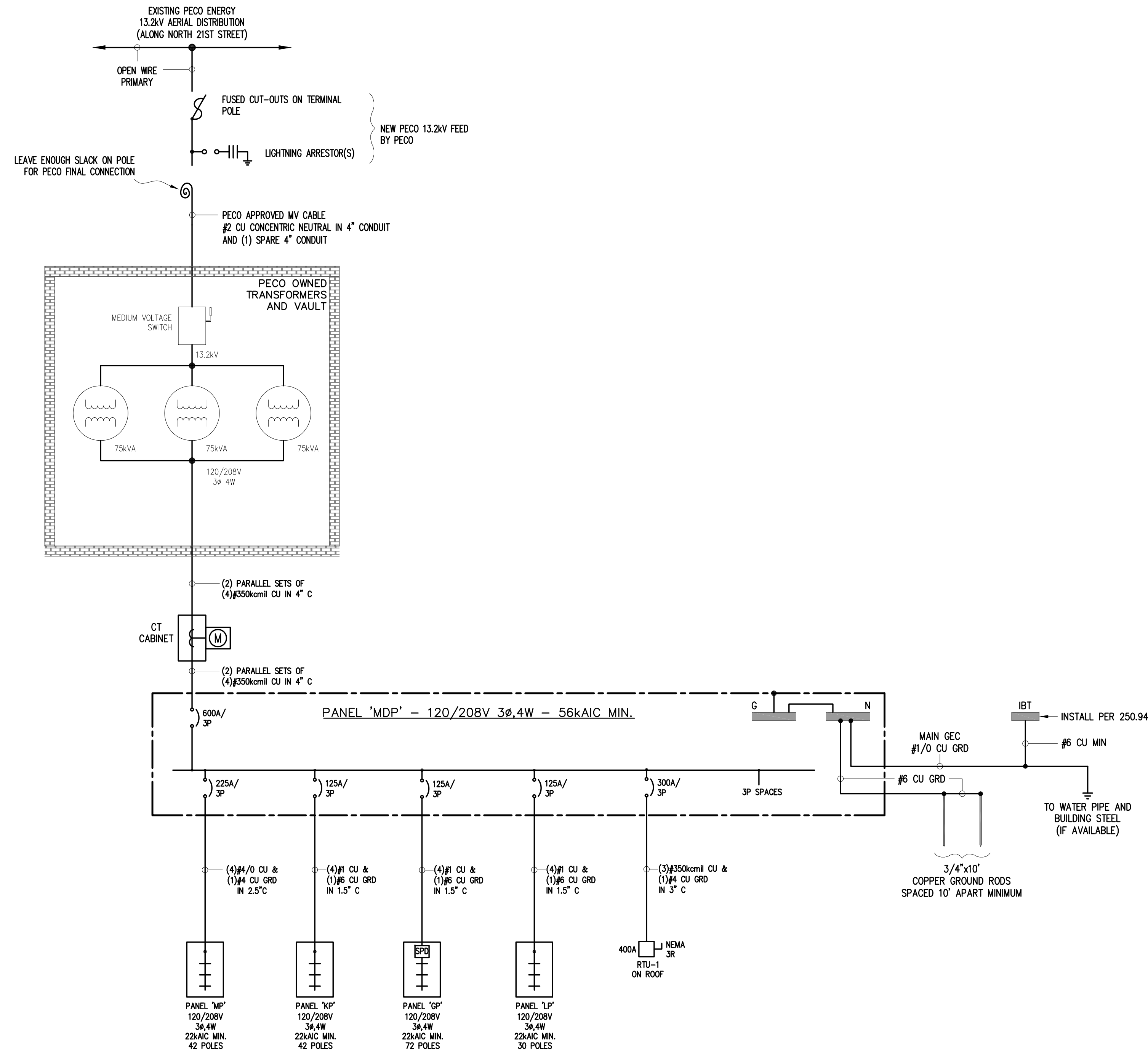
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
PHILADELPHIA, PENNSYLVANIA
11TH FLOOR, ONE PARKWAY BUILDING

PROJECT TITLE
MARTIN LUTHER KING
OLDER ADULT CENTER
21ST STREET & CECEL B. MOORE AVENUE
PHILADELPHIA, PA 19121

DRAWING TITLE
ELECTRICAL - LIGHTING AND
FIRE ALARM FLOOR PLANS

PROJECT NO. 20-11-4199-99	DRAWING NO. E1.2
DATE 7-2-2015	
SCALE AS NOTED	
DRAWN BY JMB,SKS	
CHECKED BY JIB,JMB	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



1
E2.1 SINGLE LINE DIAGRAM
SCALE: 1/8" = 1'-0"

NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NEC.
- SERVICE EQUIPMENT TO BE LOCATED AS CLOSE AS POSSIBLE TO SERVICE CONDUCTORS ENTERING THE BUILDING. GROUP EQUIPMENT TOGETHER AS REQUIRED.
- ALL CONDUCTORS SHALL BE CU AND THHN/THWN UNLESS OTHERWISE NOTED.
- CONNECT MAIN GROUNDING ELECTRODE CONDUCTOR (GEC) TO BUILDING STEEL IF AVAILABLE.
- ALL SERVICE RELATED WORK TO BE DONE IN STRICT ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.
- VERIFY SHORT CIRCUIT REQUIREMENTS WITH UTILITY COMPANY AND MAKE ADJUSTMENTS AS REQUIRED.
- ALL SERVICE EQUIPMENT SHALL BE LISTED FOR SERVICE ENTRANCE USE.
- COORDINATE ALL SERVICE CHANGES WITH PECO. EC SHALL BE RESPONSIBLE FOR SUBMITTING S&M AS REQUIRED.
- THE EC HAS THE FULL RESPONSIBILITY FOR MEETING WITH THE LOCAL ELECTRIC UTILITY AND COORDINATING WITH THE LOCAL ELECTRIC UTILITY COMPANY'S REQUIREMENTS BEFORE INSTALLATION BEGINS. BURRIS ENGINEERS HAS NOT MET WITH THE LOCAL UTILITY. BURRIS ENGINEERS ADVISES THE INSTALLER TO CONTACT THE LOCAL ELECTRIC UTILITY AS SOON AS POSSIBLE TO BEGIN THE PROCESS AS NOT DOING SO MAY CAUSE A DELAY IN OBTAINING THE REQUESTED SERVICE. ALSO, LOCAL ELECTRIC UTILITY FEES MAY APPLY TO OBTAIN REQUESTED SERVICE.
- THE EC IS RESPONSIBLE FOR THE PHYSICAL LAYOUT OF THE SERVICE EQUIPMENT AND ALL DISTRIBUTION EQUIPMENT MEETING WORKING CLEARANCES AND ALL OTHER REQUIREMENTS OF THE NEC BASED ON ACTUAL FIELD CONDITIONS. THE LOCATION OF THE SERVICE DISCONNECTING MEANS SHALL MEET THE REQUIREMENTS OF NEC ARTICLE 230, AND SHOULD BE REVIEWED WITH THE INSTALLER'S UNDERWRITER BEFORE INSTALLATION.
- SEE PANEL SCHEDULES FOR MORE INFORMATION.

REVISIONS

ISSUE	DATE	REVISIONS

DESIGN DEVELOPMENT

PROJECT COORDINATOR

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CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY

1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE

MARTIN LUTHER KING
OLDER ADULT CENTER

21ST STREET & CECIL B. MOORE AVENUE
PHILADELPHIA, PA 19121

DRAWING TITLE
ELECTRICAL -
SINGLE LINE DIAGRAM

PROJECT NO.
20-11-4199-99

DATE
7-2-2015
SCALE
AS NOTED

DRAWN BY
JMB,ATA
CHECKED BY
JIB,JMB

E2.1

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