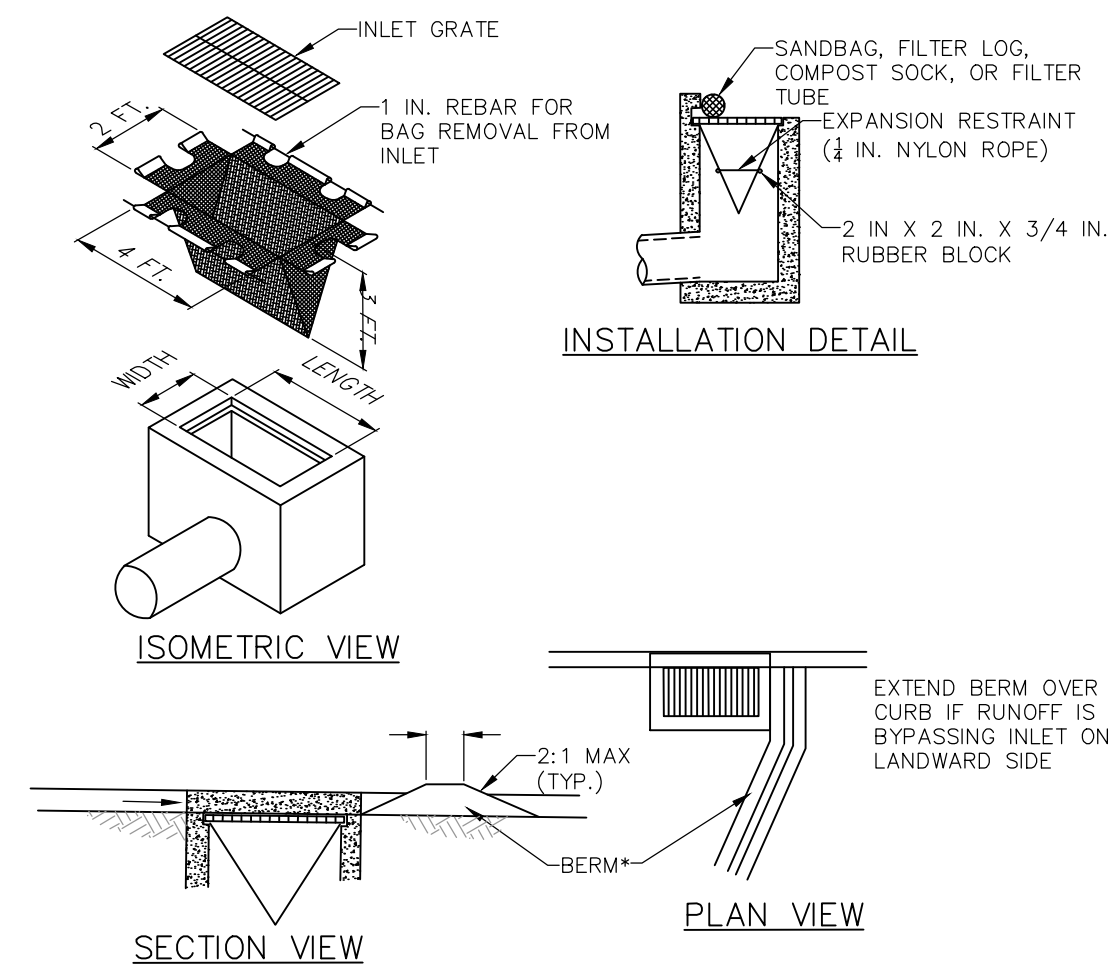
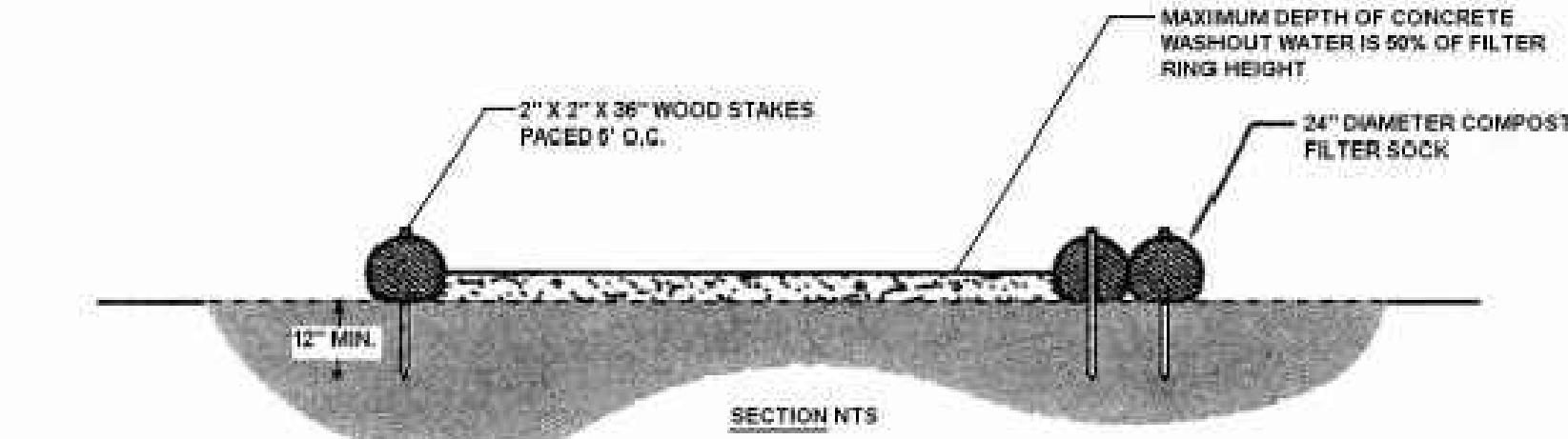


FIGURE 3.18
Typical Compost Sock Washout Installation

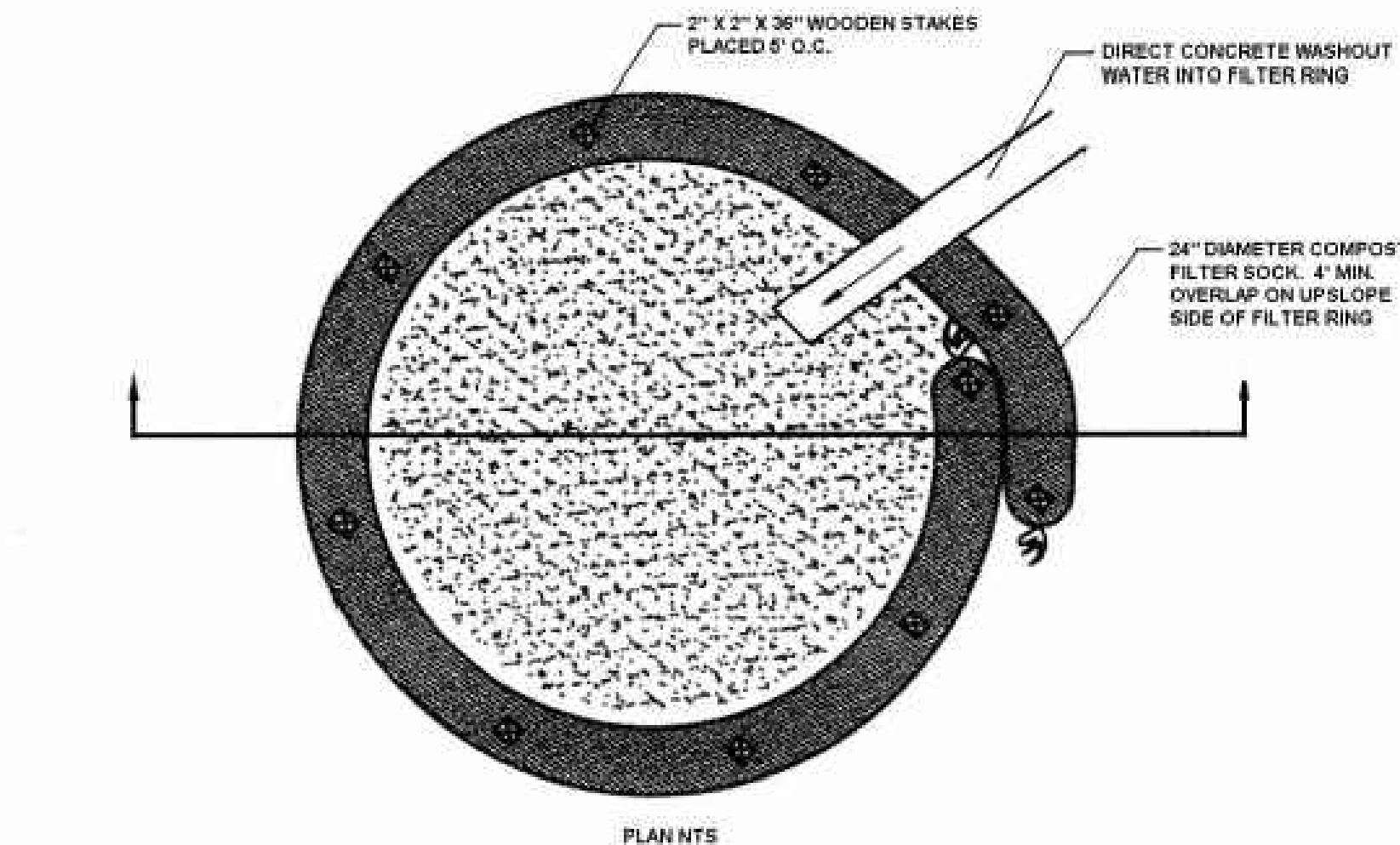


NOTES:
MAXIMUM DRAINAGE AREA = 1/2 ACRE.
INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS NOT WITHIN THE PUBLIC RIGHT-OF-WAY.
ROLLED EARTHEN BERM SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. SIX INCH MINIMUM HEIGHT ASPHALT BERM SHALL BE MAINTAINED UNTIL ROADWAY SURFACE RECEIVES FINAL COAT. BERMS SHALL NOT BE INSTALLED IN THE PUBLIC RIGHT-OF-WAY.
AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS, A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.
INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE OF ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.
DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.
* BERMS SHALL NOT BE PLACED WITHIN THE PUBLIC RIGHT-OF-WAY.

STANDARD CONSTRUCTION DETAIL #4-15
FILTER BAG INLET PROTECTION - TYPE C INLET



NOTES:
1. INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE
2. 18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.

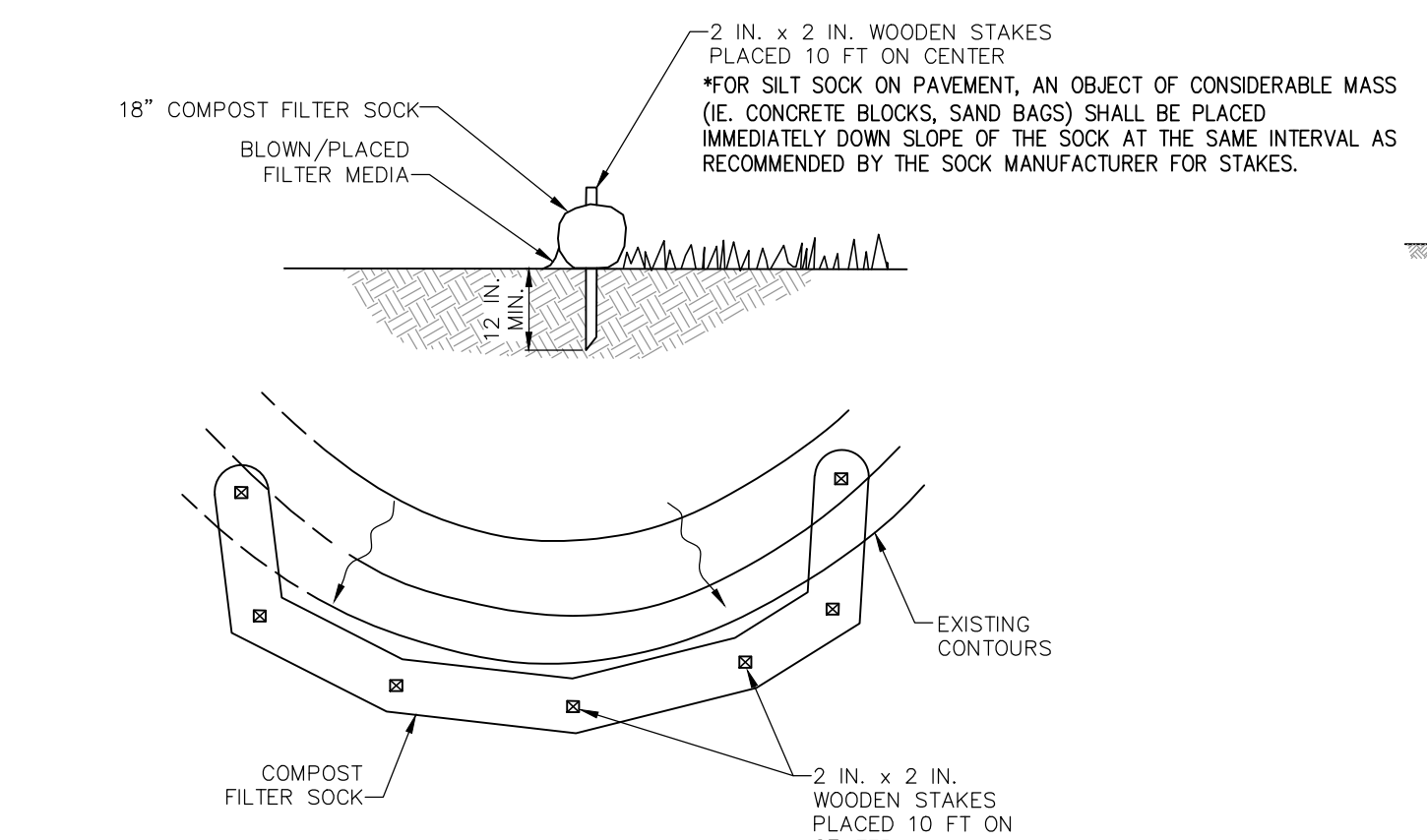


1. A SUITABLE IMPERVIOUS GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.
2. ALL CONCRETE WASHOUT FACILITIES SHOULD BE INSPECTED DAILY. DAMAGED OR LEAKING WASHOUTS SHOULD BE DEACTIVATED AND REPAIRED OR REPLACED IMMEDIATELY.
3. ACCUMULATED MATERIALS SHOULD BE REMOVED WHEN THEY REACH 75% CAPACITY.
4. PLASTIC LINERS SHOULD BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.

CONCRETE WASHOUT DETAIL

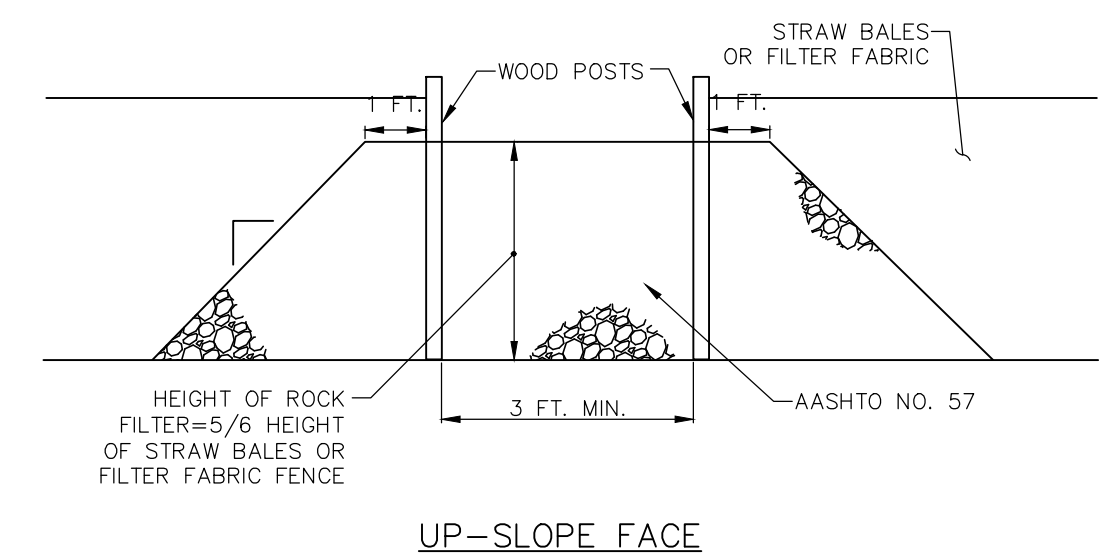
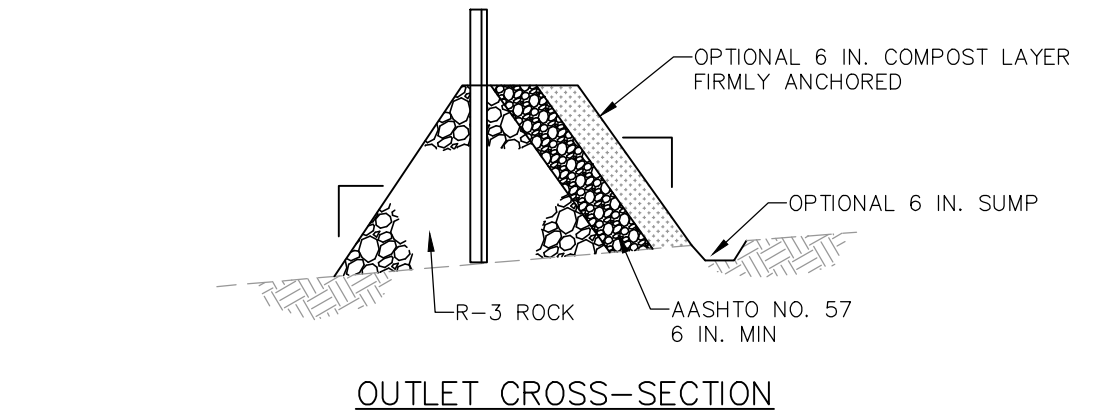
DUST CONTROL MEASURES
DURING CONSTRUCTION, THE CONTRACTOR SHALL NOT CAUSE OR PERMIT ANY MATERIALS OR PROPERTY TO BE HANDLED, TRANSPORTED, STORED, USED, CONSTRUCTED, ALTERED, REPAIRED, OR DEMOLISHED WITHOUT TAKING REASONABLE PRECAUTIONS TO PREVENT PARTICULATE MATTER FROM BECOMING AIRBORNE. REASONABLE PRECAUTIONS TO CONTROL FUGITIVE DUST EMISSIONS MAY INCLUDE THE FOLLOWING:
WATERING
WATER TRUCKS WILL BE THE PRIMARY MEANS OF DUST ABATEMENT. THE CONTRACTOR WILL BE REQUIRED TO FURNISH AND TO USE WATER TRUCKS WITH APPROPRIATE SPRAY DISPERSAL SYSTEMS ON THE FRONT AND/OR BACK AND SIDES OF THE TRUCK THAT WILL EFFECTIVELY WATER THE CONSTRUCTION CORRIDOR, CONTRACTOR/PIPE YARDS, AND PUBLIC ROADWAYS TO CONTROL DUST GENERATED FROM CONSTRUCTION ACTIVITIES. FILL POINTS FOR THE TRUCK WILL BE FIELD DETERMINED AND PROPERLY PERMITTED WITH LOCAL AUTHORITIES. WATERING FREQUENCY WILL BE DEPENDENT ON WEATHER AND TRAFFIC CONDITIONS. WATER SPRAY WILL BE CONTROLLED TO AVOID OVER-SPRAY AND POOLING.
OTHER METHODS

- COVER OPEN-BODY TRUCKS LOADING AND HAULING CONSTRUCTION DEBRIS ON OR FROM THE ROW.
- MAINTAIN CONSTRUCTION ENTRANCES (TRACK-OUT AND/OR CARRY-OUT AREAS) AT PAVED ROAD ACCESS POINTS.
- SWEEP PUBLIC ROADWAYS AS NECESSARY TO REDUCE DUST AND TRACKED DIRT FROM THE CONSTRUCTION ROW.
- PROVIDE WASH STATIONS AS NECESSARY.
- TEMPORARY MULCHING AND STABILIZATION.
- TILLAGE / SURFACE ROUGHENING.
- WIND BREAKS.



NOTES:
SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.
COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

STANDARD CONSTRUCTION DETAIL #4-1
COMPOST FILTER SOCK



NOTES:
A ROCK FILTER OUTLET SHALL BE INSTALLED WHERE FAILURE OF A SILT FENCE OR STRAW BALE BARRIER HAS OCCURRED DUE TO CONCENTRATED FLOW. ANCHORED COMPOST LAYER SHALL BE USED ON UPSLOPE FACE IN HQ AND EV WATERSHEDS.
SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.

STANDARD CONSTRUCTION DETAIL #4-6
ROCK FILTER OUTLET

CONSTRUCTION WASTE DISPOSAL NOTE
ALL BUILDING MATERIALS AND WASTES SHALL REMOVE FROM THE SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH THE PA DEP'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA CODE 260.1 ET SEQ. 271.1 ET SEQ. AND 287.1 ET SEQ. NO BUILDING MATERIALS OR WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURNED, BURIED, DUMPED, OR DISCHARGED AT THE SITE.

UNFORESEEN EROSION CONDITIONS

- SHOULD ANY UNFORESEEN EROSION CONDITIONS DEVELOP DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE THE ACTION TO REMEDY SUCH CONDITIONS AND TO PREVENT DAMAGE TO ADJACENT PROPERTIES AS A RESULT OF INCREASED RUNOFF AND/OR SEDIMENT DISPLACEMENT. STOCKPILES OF WOOD SHIPS, HAY BALES, CRUSHED STONE, AND OTHER ACCEPTABLE MULCHES SHALL BE HELD IN READINESS TO IMMEDIATELY ADDRESS EMERGENCY EROSION AND SEDIMENTATION PROBLEMS.
- THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH ALL OF THE PROVISIONS OF APPENDIX 64, "EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART 1, DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUB-PART C, PROTECTION OF NATURAL RESOURCES, ARTICLE III, WATER RESOURCES, CHAPTER 102, EROSION CONTROL."
- CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT ALL EROSION & AIR AND WATER POLLUTION IS MINIMIZED. STATE & LOCAL LAWS CONCERNING POLLUTION ABATEMENT SHALL BE OBSERVED.
- MEASURES FOR THE PROTECTION OF EXISTING TREES AND SHRUBS SHALL BE TAKEN BY THE CONTRACTOR TO ELIMINATE UNNECESSARY DAMAGE.

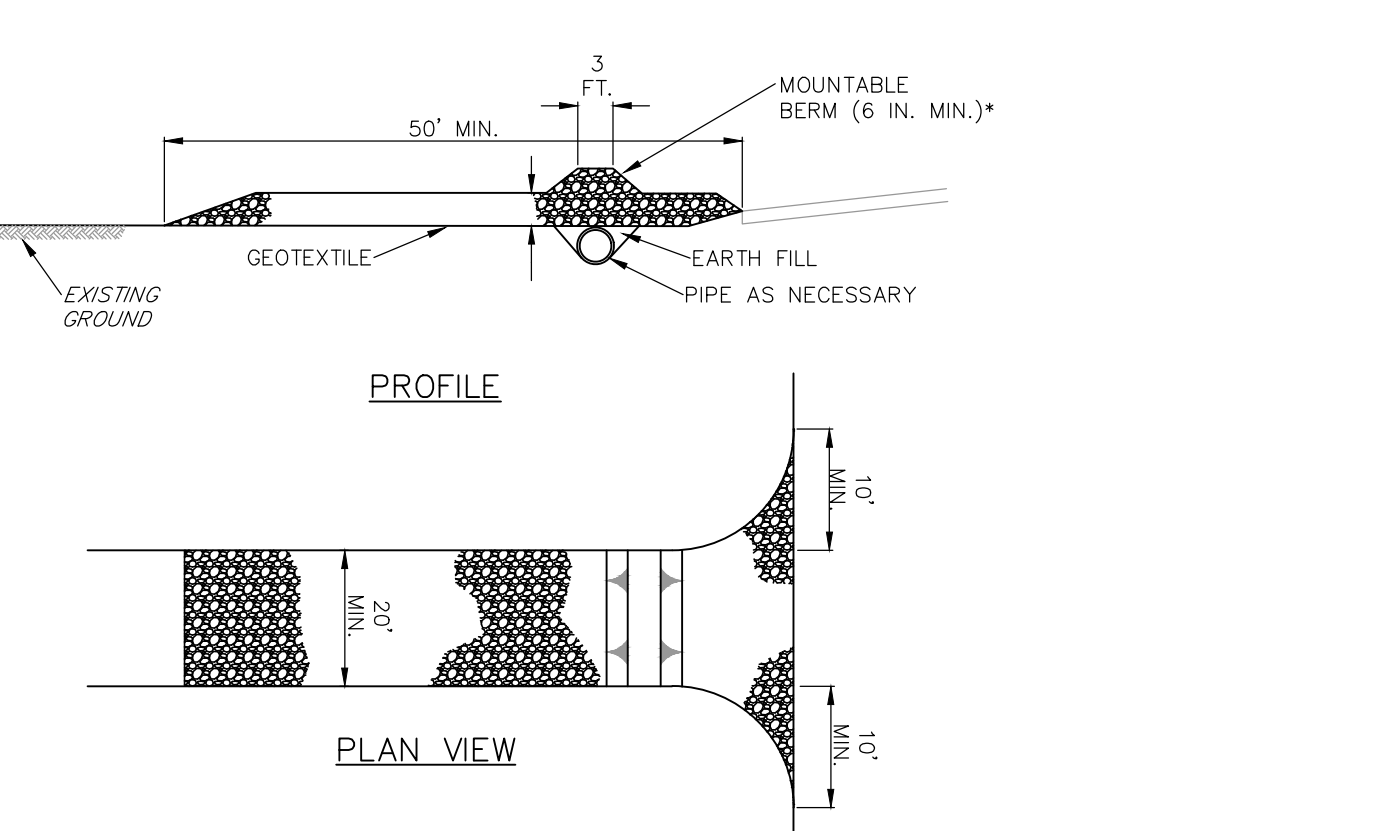
* A COPY OF THESE EROSION & SEDIMENT POLLUTION CONTROL PLANS MUST BE POSTED AND AVAILABLE AT THE CONSTRUCTION SITE IN ACCORDANCE WITH STATE AND FEDERAL LAW.

EROSION CONTROL REVISION NOTE

* BEFORE INITIATING ANY REVISION 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 (COUNTY NAME). THE OPERATOR SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.

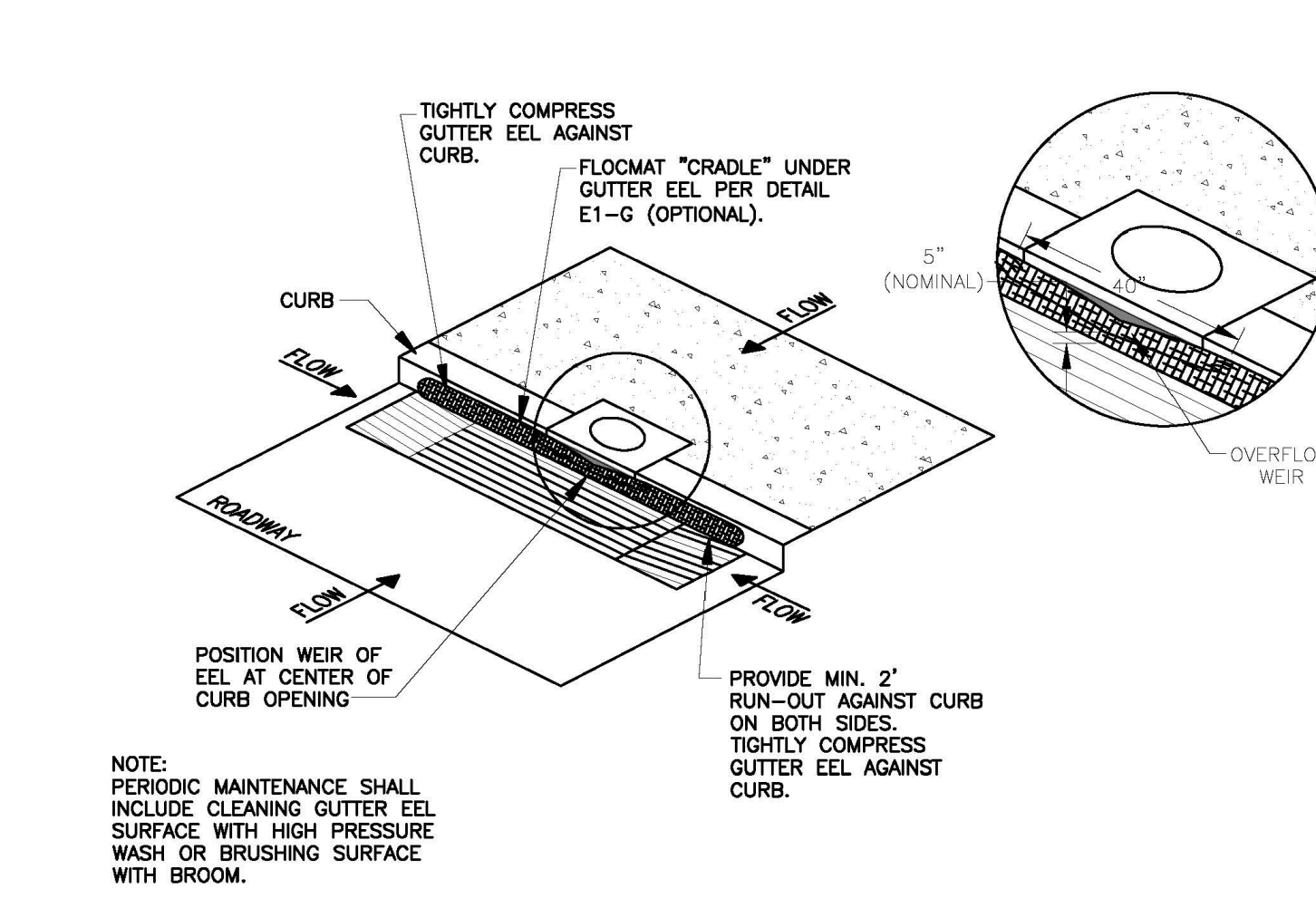
SPOIL AND BORROW AREAS NOTE

* THE OPERATOR SHALL ASSURE THAT AN EROSION AND SEDIMENT CONTROL PLAN HAS BEEN PREPARED, APPROVED BY THE (COUNTY NAME), AND IS BEING IMPLEMENTED AND MAINTAINED FOR ALL SOIL AND/OR ROCK SPOIL AND BORROW AREAS, REGARDLESS OF THEIR LOCATIONS.



NOTES:
REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.
RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING ROCK CONSTRUCTION ENTRANCE.
MOUNTABLE BERM SHALL BE INSTALLED WHEREVER OPTIONAL CULVERT PIPE IS USED AND PROPER PIPE COVER AS SPECIFIED BY MANUFACTURER IS NOT OTHERWISE PROVIDED. PIPE SHALL BE SIZED APPROPRIATELY FOR SIZE OF DITCH BEING CROSSED.
MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY. IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY, EXTEND LENGTH OF ROCK CONSTRUCTION ENTRANCE BY 50 FOOT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK. WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.

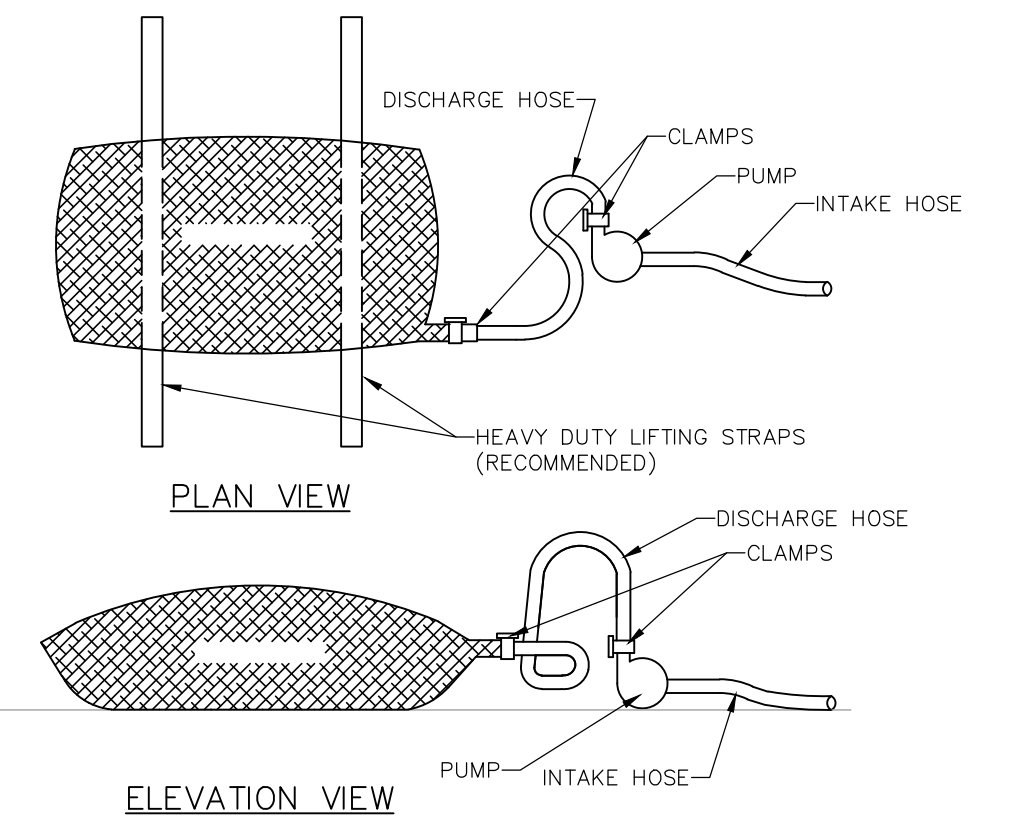
STANDARD CONSTRUCTION DETAIL #3-1
ROCK CONSTRUCTION ENTRANCE



NOTES:
PERIODIC MAINTENANCE SHALL INCLUDE CLEANING GUTTER EEL SURFACE WITH HIGH PRESSURE WASH OR BRUSHING SURFACE WITH BROOM.
ISOMETRIC DETAIL E3-C: SMALL CURB INLET SEDIMENT TRAP - GUTTER EEL N.T.S.

- Install the GutterEEL™ in front of the curb inlet opening. Each end of the GutterEEL™ should overlap the curb inlet approximately 12".
- Overflow weir should be centered on curb inlet. If more than 1 unit is required, units should be placed with each end flush against each other.
- The GutterEEL™ should be cleaned if a visual inspection shows silt and debris build up in front of the unit.
- The GutterEEL™ is reusable. Once the construction project is complete and it is no longer needed for sediment control, remove, clean and store out of the sunlight.
- Ponding is possible if sediment is not removed regularly. Inspection of GutterEEL™ should be on a regular basis and immediately after major storm events.

ACF ENVIRONMENTAL GUTTER EEL



NOTES:
LOW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:

PROPERTY	TEST METHOD	MINIMUM STANDARD
AVG. WIDE WIDTH STRENGTH	ASTM D-4884	60 LB/IN
GRAB TENSILE	ASTM D-4632	205 LB
PUNCTURE	ASTM D-4833	110 LB
MULLEN BURST	ASTM D-3786	350 PSI
UV RESISTANCE	ASTM D-4355	70%
AOS % RETAINED	ASTM D-4751	80 SIEVE

A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL OF SEDIMENT. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL BE PLACED ON STRAPS TO FACILITATE REMOVAL UNLESS BAGS COME WITH LIFTING STRAPS ALREADY ATTACHED.

BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5% FOR SLOPES EXCEEDING 5%. CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.

NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS LOCATED IN HQ OR EV WATERSHEDS, WITHIN 50 FEET OF ANY RECEIVING SURFACE WATER OR WHERE GRASSY AREA IS NOT AVAILABLE.

THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.

THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.

FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.

STANDARD CONSTRUCTION DETAIL #3-16
PUMPED WATER FILTER BAG

PWD'S SOIL EROSION AND SEDIMENT CONTROL GENERAL NOTES

- PWD IS NOT RESPONSIBLE FOR ANY CLEANING OR REPAIRS NEEDED ON CITY-OWNED INFRASTRUCTURE DUE TO FAILURE OF ANY EROSION AND SEDIMENT CONTROL PRACTICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDRESSING ANY CONCERNS OF THE CITY-OWNED INFRASTRUCTURES.
- AN INDUSTRIAL WASTE PERMIT WILL BE REQUIRED SHOULD PUMPING TO CITY-OWNED INFRASTRUCTURE BECOME NECESSARY DURING CONSTRUCTION. ALL PUMPING OF WATER FROM ANY WORK AREA SHALL BE DONE ACCORDING TO THE PROCEDURE DESCRIBED IN THIS PLAN, OVER UNDISTURBED VEGETATED AREAS.
- INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL OCCUR ON A WEEKLY BASIS, BEFORE ANY ANTICIPATED PRECIPITATION EVENTS, AND AFTER ALL PRECIPITATION EVENTS.
- INLET PROTECTION MUST BE PROVIDED FOR ALL INLETS OWNED BY PWD THAT ARE LOCATED WITHIN ONE BLOCK OF THE PROJECT SITE. (CONTRACTOR CAN USE CURB INLET DRAIN FILTER, AS MANUFACTURED BY ACF ENVIRONMENTAL OR APPROVED EQUIVALENT.)
- THE ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED ON SITE. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.
- FILTER FABRIC FENCE SHOULD BE INSTALLED AT LEVEL GRADE. BOTH ENDS OF EACH FENCE SECTION SHOULD BE EXTENDED AT LEAST 8 FEET UPSLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. SUPPORT STAKES SHALL BE SPACES AT A MAXIMUM OF 8 FEET. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FILTER FENCE.
- ANY FENCE SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET. SEDIMENT MUST BE REMOVED WHEN ACCUMULATION REACH 1/2 THE HEIGHT OF THE OUTLET.
- DURING CONSTRUCTION, THE SELECTED CONTRACTOR IS EXPECTED TO FOLLOW THE PCSMP APPROVED BY PWD. NO CHANGE OR DEVIATION FROM THE APPROVED PCSMP IS PERMITTED WITHOUT PRIOR APPROVAL FROM PWD.
- ALL WORK ASSOCIATED WITH PWD WATER CONVEYANCE AND SEWER INFRASTRUCTURE SHALL BE DONE IN ACCORDANCE WITH THE CITY OF PHILADELPHIA WATER DEPARTMENT "WATER MAIN STANDARD DETAILS AND CORROSION CONTROL SPECIFICATIONS", 1985 EDITION, AND "STANDARD DETAILS AND STANDARD SPECIFICATIONS FOR SEWERS", 1985 EDITION.
- CONTACT PWD WATER TRANSPORT RECORDS (1101 MARKET STREET, 2ND FLOOR, PHONE: 215-685-6271) FOR ADDITIONAL APPROVALS AND PERMITS REQUIRED FOR ALL WATER SERVICES, METERS, AND CONNECTIONS TO THE EXISTING AND/OR PROPOSED PWD FACILITIES.

FERTILIZATION, SEEDING, AND MULCHING NOTES

- DISTURBED AREAS WHICH WILL NOT BE REDISTURBED IMMEDIATELY SHALL BE TEMPORARILY SEEDING AND MULCHED. SITE PREPARATION OF MULCH AND MAINTENANCE SHALL BE PERFORMED IN ACCORDANCE WITH PENN STATE UNIVERSITY "AGRONOMY GUIDE" AND PENN.D.O.T. FORM 408 SPECIFICATIONS MOST RECENT EDITION. DURING NONGERMINATING PERIODS, MULCH MUST BE APPLIED AT THE RECOMMENDED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADES AND WHICH WILL BE REDISTURBED WITHIN ONE (1) YEAR MUST BE TEMPORARILY SEEDING AND MULCHED AS INDICATED ON THIS PLAN. DISTURBED AREAS WHICH ARE EITHER AT FINISHED GRADE OR WILL NOT BE REDISTURBED WITHIN ONE (1) YEAR MUST PERMANENTLY SEEDING AND MULCHED AS INDICATED ON THIS PLAN.

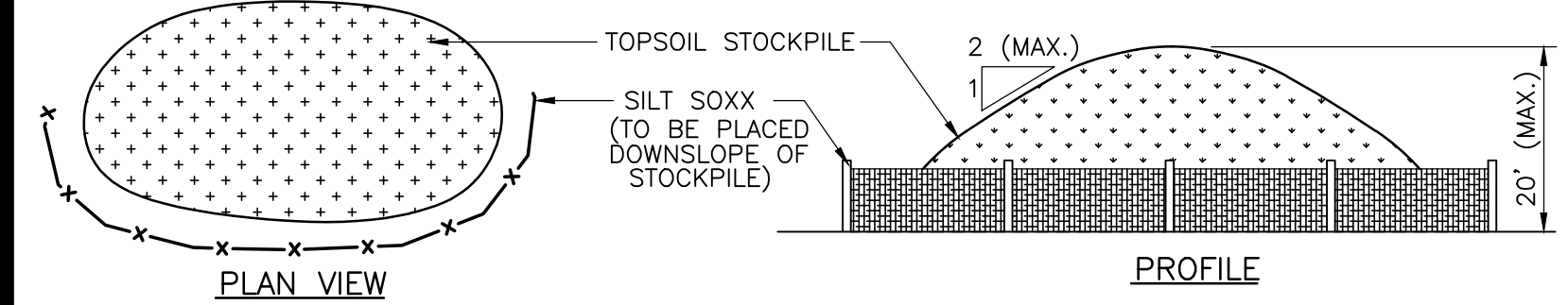
TEMPORARY SEEDING REQUIREMENTS:
FORMULA E - ANNUAL RYE GRASS
PERMANENT SEEDING REQUIREMENTS:
FORMULA D - 70% KENTUCKY 31 FESCUE
20% PENNIMMUN RED FESCUE
10% RESEEDING KUKUI GRASS

SEEDING RATE FOR THE ABOVE MIXTURES: 21 lbs/1000 S.Y.
MAY OF STRAW MULCH SHALL BE APPLIED AT THE RATES OF AT LEAST 3.0 TONS PER ACRE AND AT LEAST 4.0 TONS PER ACRE DURING WINTER MONTHS (DEC. 1 TO MARCH 1) DUE TO COLD WEATHER SOIL EROSION PROBLEMS. STRAW MULCH SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN

PULVERIZED AGRICULTURAL LIMESTONE AND COMMERCIAL FERTILIZER SHALL BE APPLIED TO ALL DISTURBED AREAS WHICH ARE TO BE SEEDING EXCEPT FOR TEMPORARY SEEDING AREAS AT THE FOLLOWING RATES:

- PULVERIZED AGRICULTURAL LIMESTONE: 2 TONS/ACRE
- 1 TON/ACRE FOR TEMPORARY USE
- 10-20-20 ANALYSIS COMMERCIAL FERTILIZER 1000 lbs/ACRE
- 5-5-5 ANALYSIS COMMERCIAL FERTILIZER 1000 lbs/ACRE

- AREAS THAT FAIL TO GERMINATE MUST BE RESEEDING.
- SEEDING AREAS THAT WASH OUT MUST BE FILLED AND GRADED AS NECESSARY, THEN RESEEDING. SOME TYPE OF ANCHORING METHOD SHOULD BE UTILIZED TO HOLD SEED AND MULCH IN PLACE. THIS IS CONCENTRATED FLOWS, AND ON SLOPES. ALL SLURRY APPLICATIONS FOR SEEDING WITH A CELLULOSE TACKIFIER MUST BE ACCOMPANIED BY A STRAW MULCH BINDER. MULCHING DURING NON-GROWING SEASONS, MULCHING CAN BE USED AS AN EROSION STABILIZATION CONTROL. CONSTRUCTION AND MAINTENANCE WILL BE INSTABILIZATION CONTROL. CONSTRUCTION AND MAINTENANCE WILL BE IN ACCORDANCE WITH SPECIFICATIONS CONTAINED IN SECTION 805, PENN.D.O.T. PUBLICATION 408. GRADING WILL BE TEMPORARILY HALTED WHEN SOIL BECOMES FROSTED.



SILT SOCKS MUST BE PLACED AROUND THE PERIMETER OF ALL STOCKPILES. IMMEDIATELY APPLY TEMPORARY SEEDING TO ALL STOCKPILES.

SOIL STOCKPILE AREA DETAIL
NOT TO SCALE

Cornerstone
Consulting Engineers & Design Services, Inc.
213 West Main Street, Lansdale, PA 19446
Phone: 215-362-2600, Fax: 215-362-8400
WWW.CORNERSTONEINC.COM
Lehigh Valley Region
Philadelphia Region
Pocmon Region
570-839-1770
610-820-5200
215-362-2600

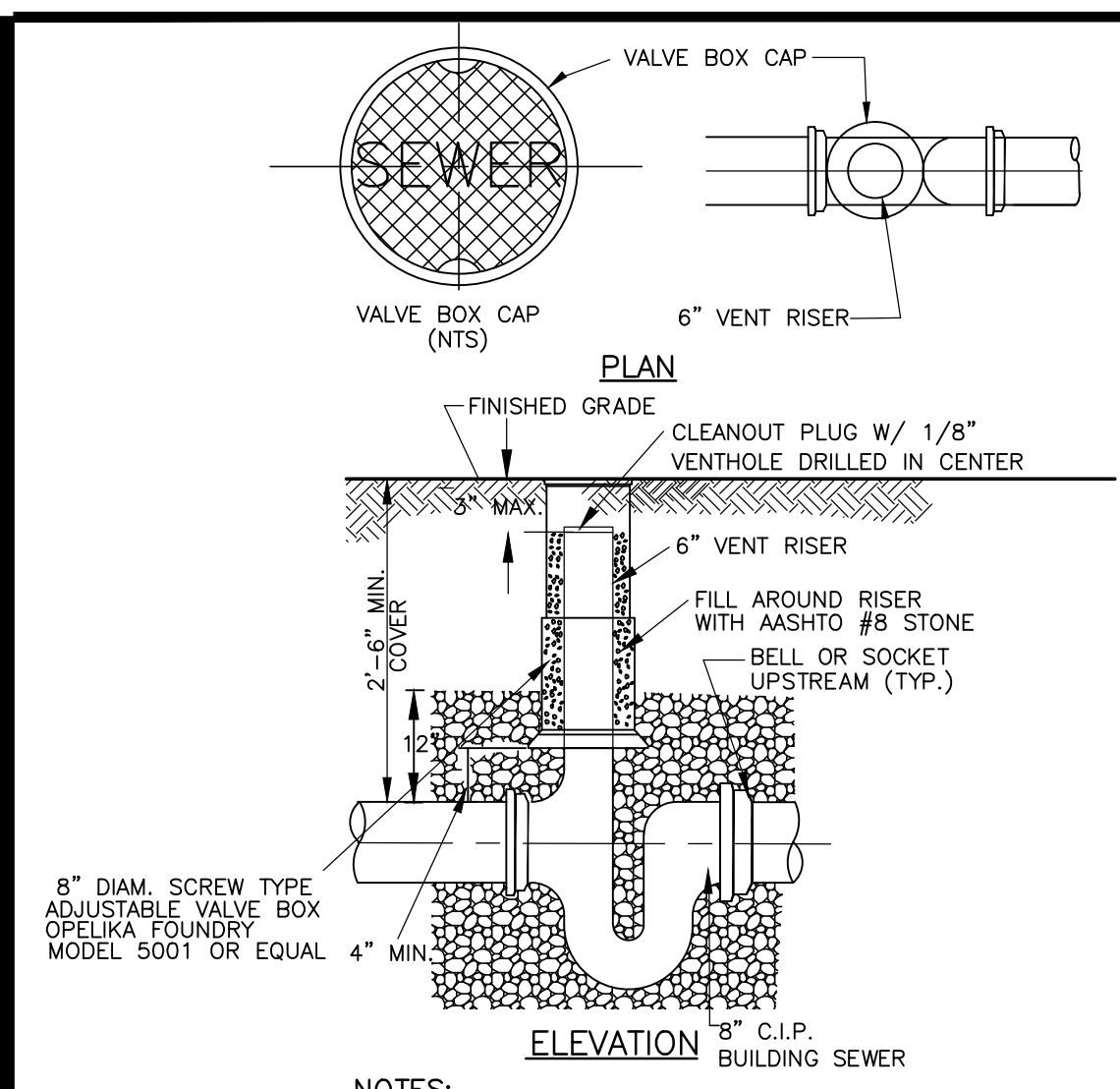
REVISIONS

NO	BY	DESCRIPTION	DATE
1	RL	REVISED PER STREET COMMENTS	02/19/2024
2	RL	REVISED PER STREET COMMENTS	02/26/2024
3	GW	REVISED PER STREET COMMENTS	03/01/2024

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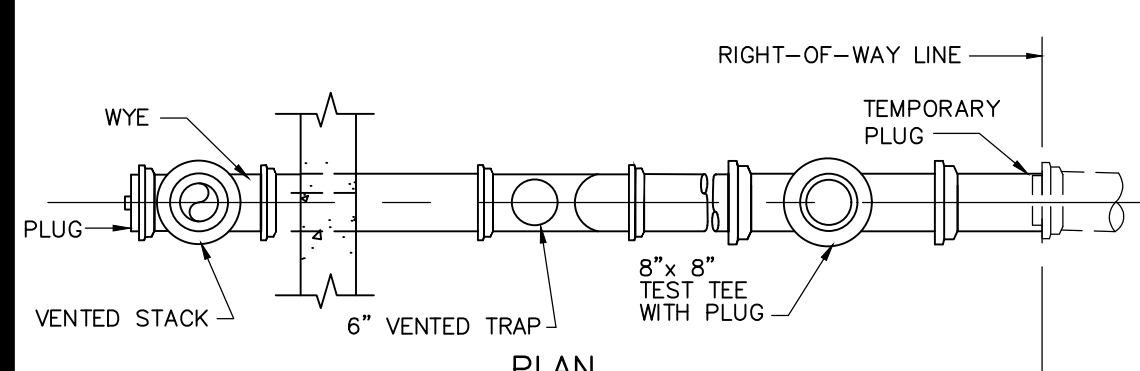
PROJECT LOCATION
CONSTRUCTION DOCUMENTS FOR REBUILD - VINCENT G. PANATI PLAYGROUND
3101-27 N. 22ND STREET
W. LIPPINCOTT & N. 22ND STREETS
CITY OF PHILADELPHIA
PENNSYLVANIA, 19132
PREPARED FOR:
CITY OF PHILADELPHIA

TITLE
EROSION & SEDIMENTATION CONTROL DETAILS
PWD SW TRACKING NO. FYZA-PANA-7562-01
PROJ. # 23-0901 DATE 1/18/2024
CAD ID 23-0901 DRN BY MD
SCALE AS NOTED CHK BY JBA
C1.5
REVISION 3



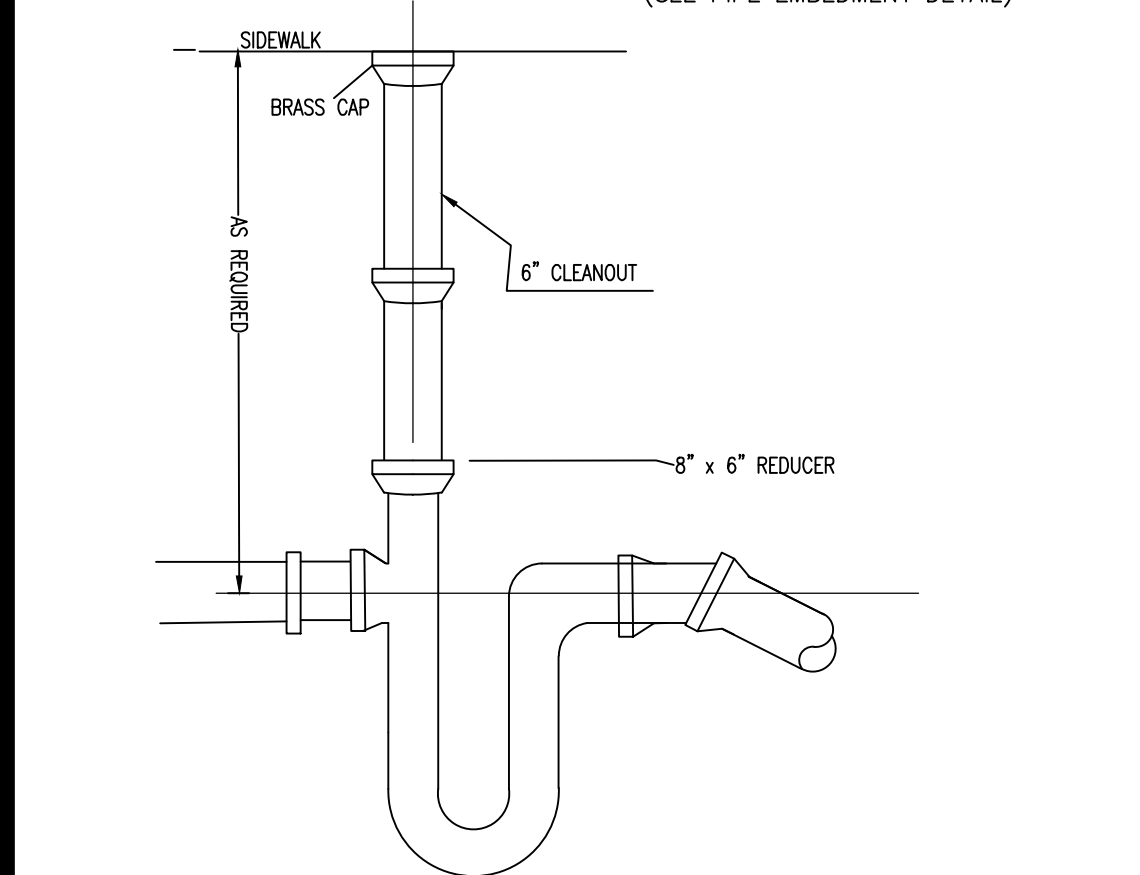
NOTES:

- PIPE TO BE EMBEDDED IN AGGREGATE (SEE PIPE EMBEDMENT DETAIL).
- CAST IRON BOXES ARE REQUIRED FOR ADEQUATE PROTECTION OF THE CLEAN-OUTS.

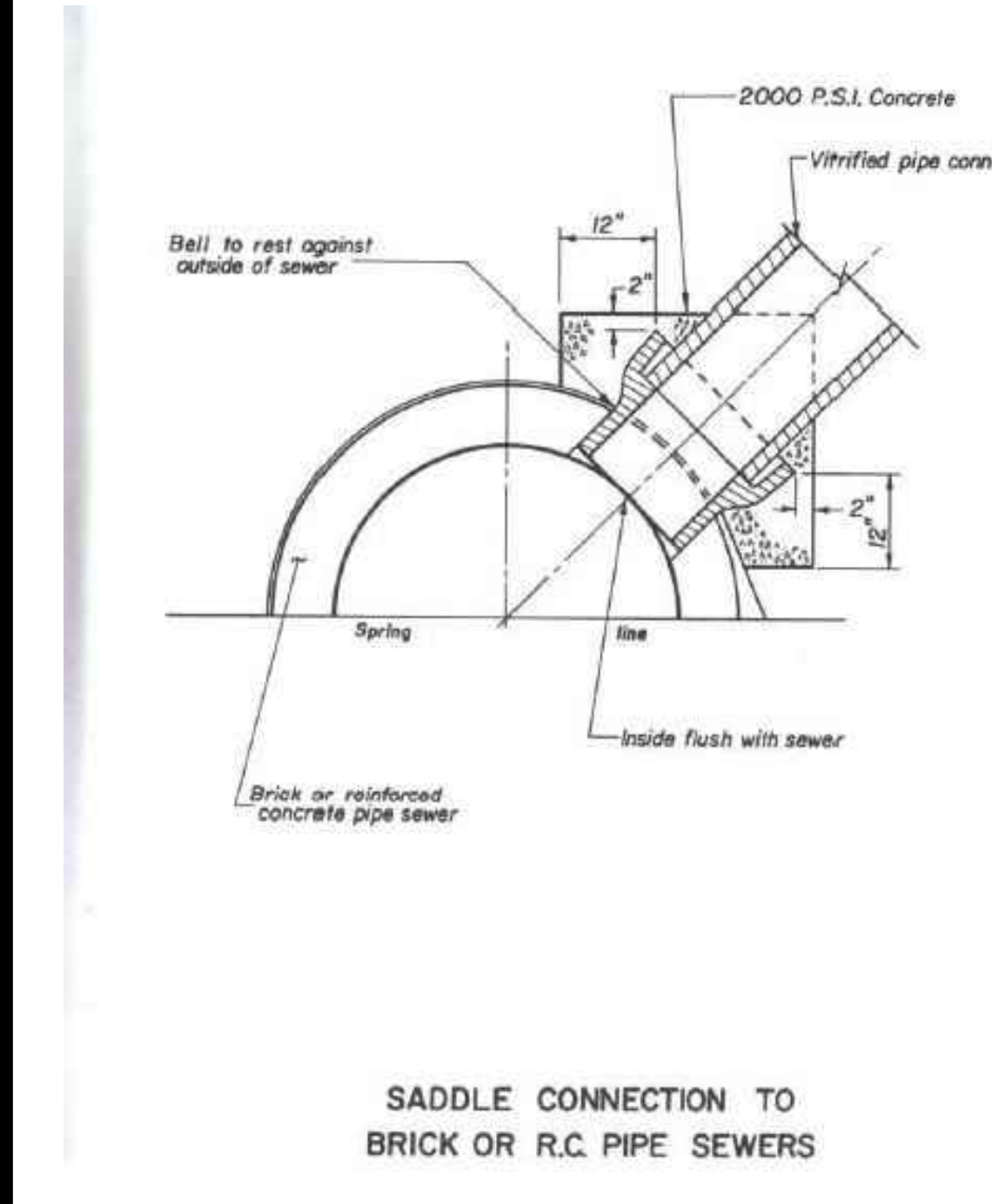


NOTES:

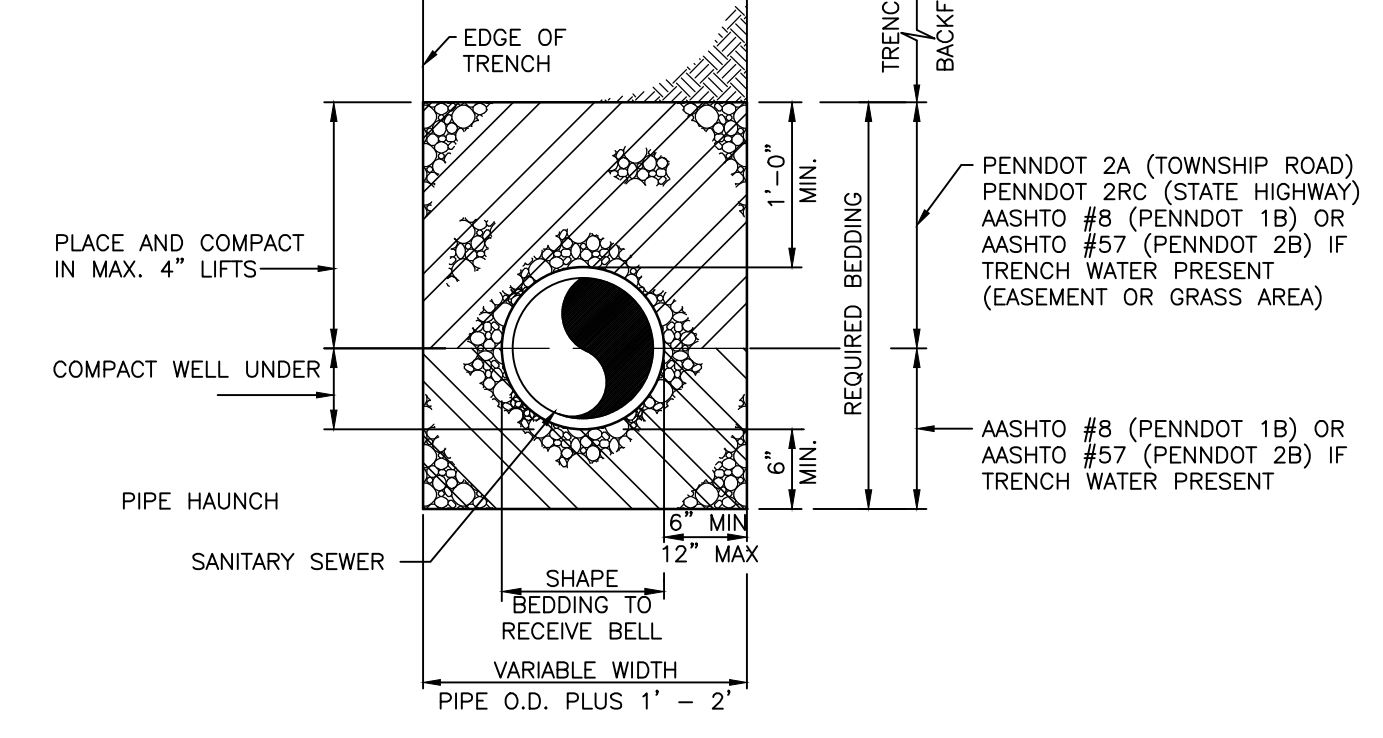
- BUILDING SEWER FROM RIGHT-OF-WAY LINE TO BUILDING PLUMBING SYSTEM SHALL CONFORM TO THE IBC NATIONAL PLUMBING CODE AND CITY OF PHILADELPHIA PLUMBING CODE.
- TEMPORARY PIPE PLUG TO REMAIN IN LATERAL UNTIL CONSTRUCTION OF BUILDING SEWER OCCURS. BUILDING SEWER SHALL BE PLUGGED AT TEST TEE UNTIL CONSTRUCTION IS COMPLETED AND TESTED.
- PIPE TO BE EMBEDDED IN AGGREGATE (SEE PIPE EMBEDMENT DETAIL).



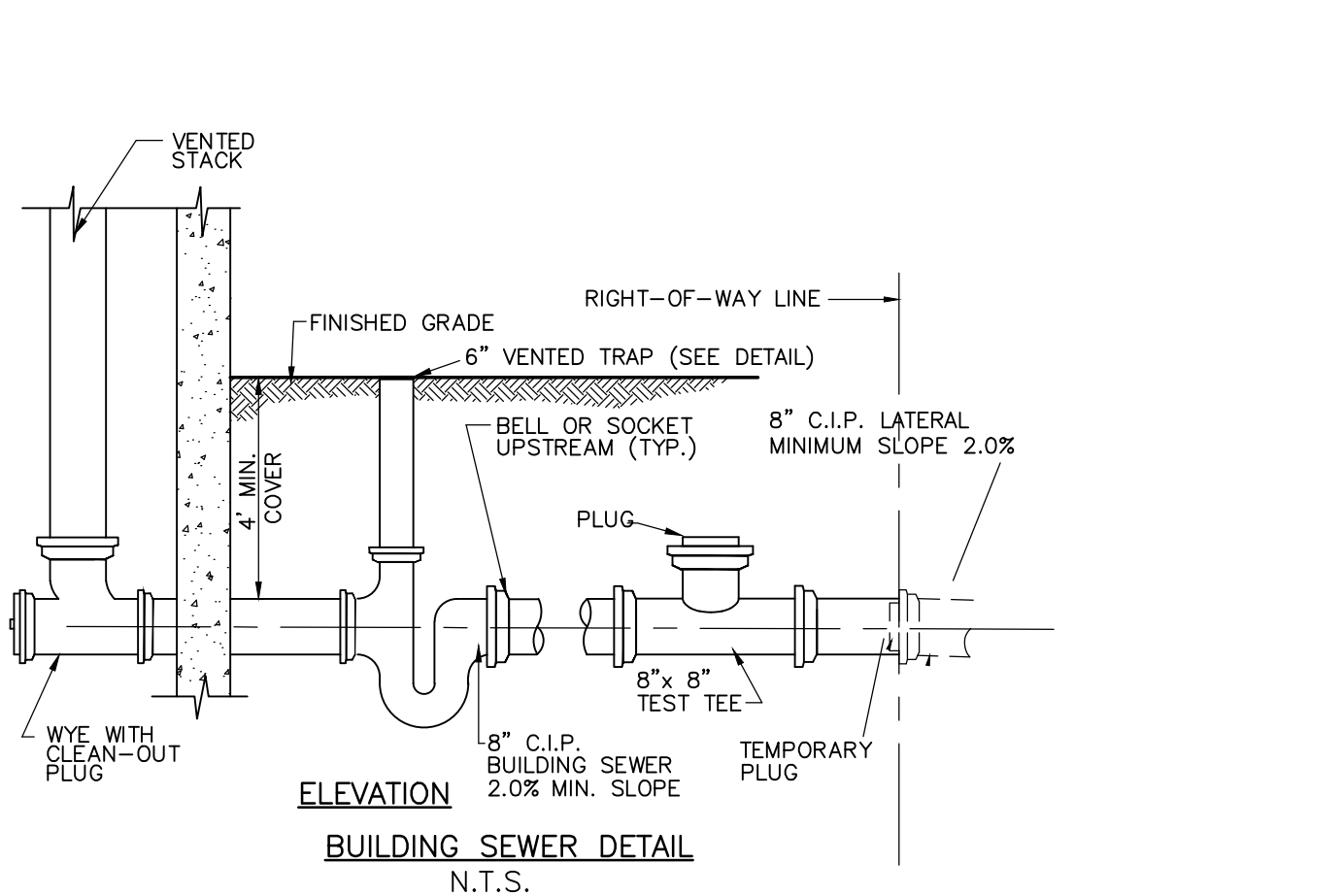
TYPICAL STORM PIPE CLEANOUT AT RIGHT-OF-WAY DETAIL
N.T.S.



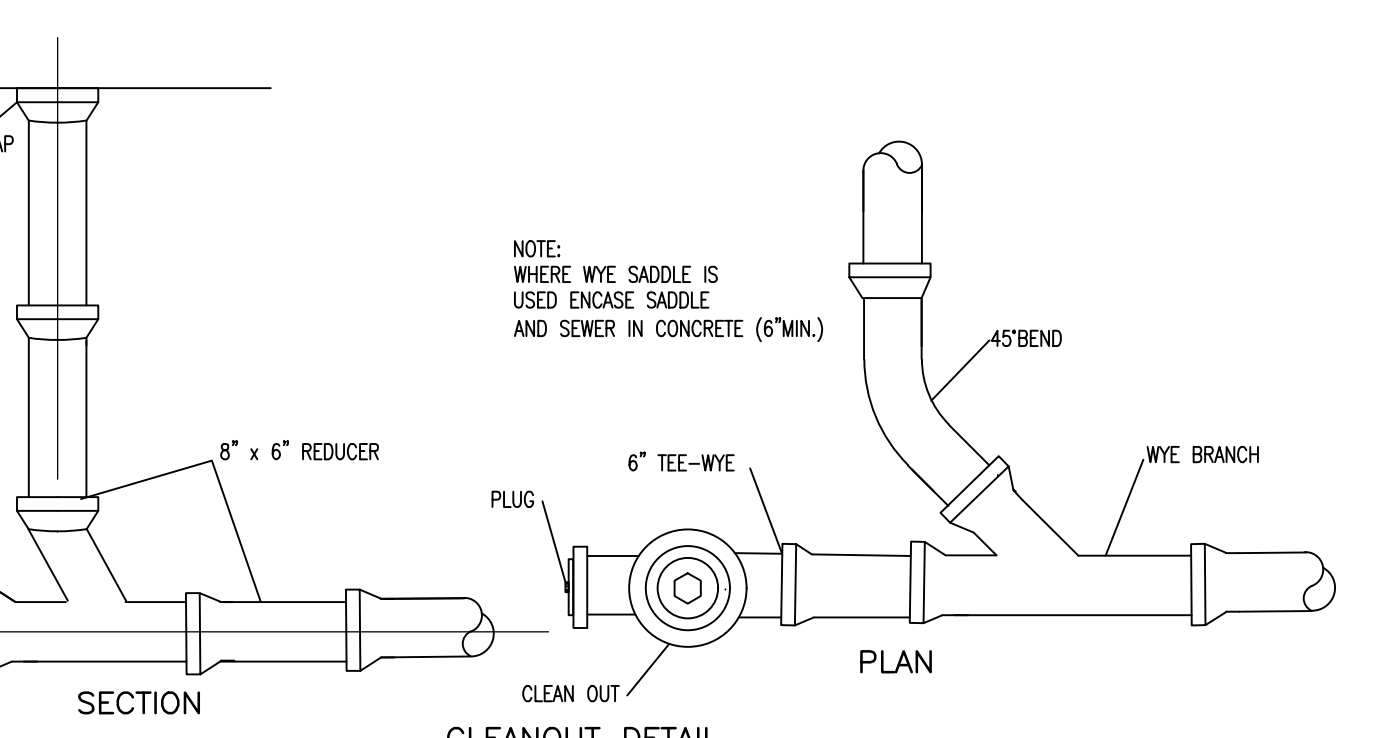
SADDLE CONNECTION TO BRICK OR R.C. PIPE SEWERS
7



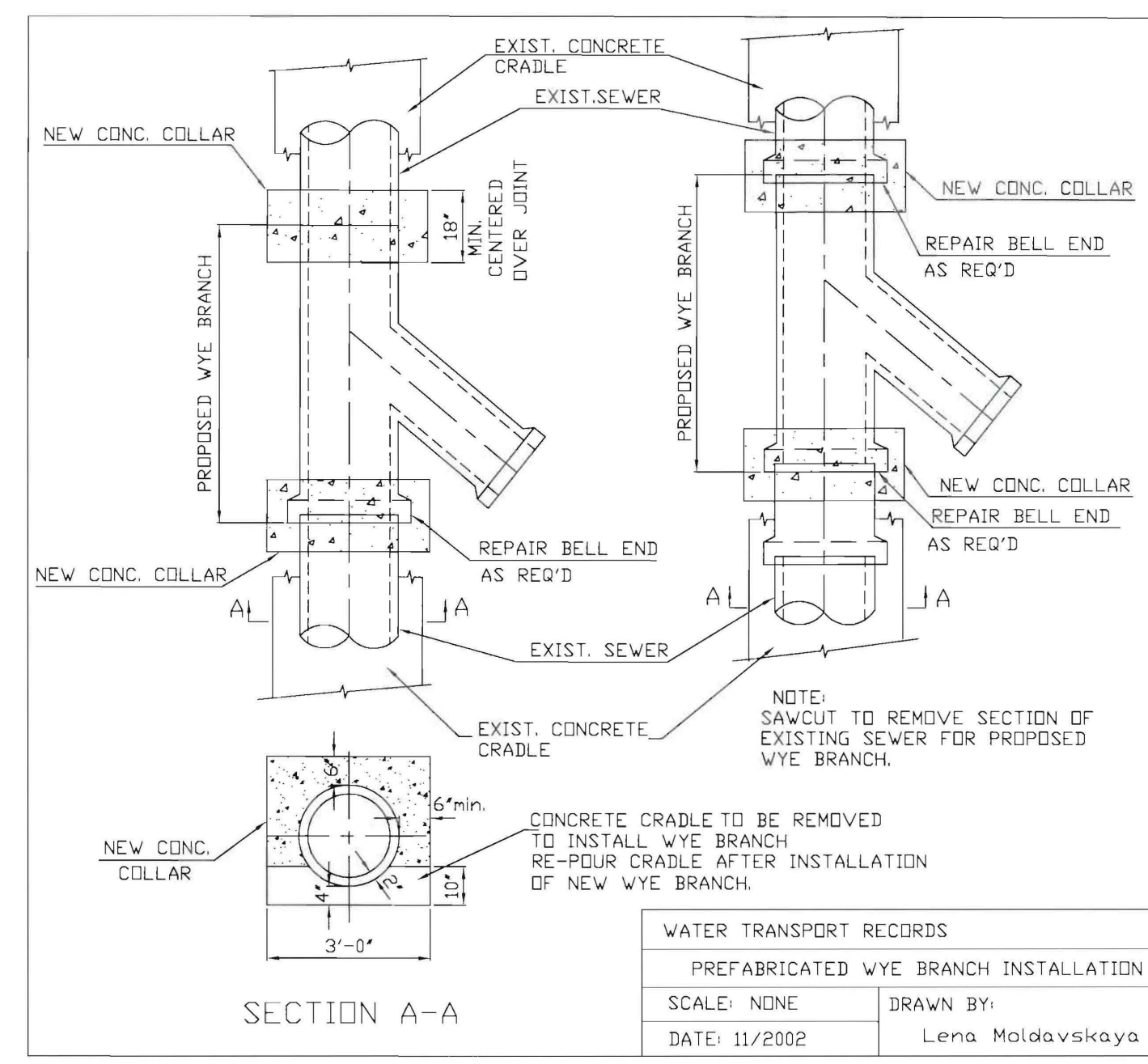
C.I.P. OR R.C.P. PIPE EMBEDMENT
N.T.S.



BUILDING SEWER DETAIL
N.T.S.

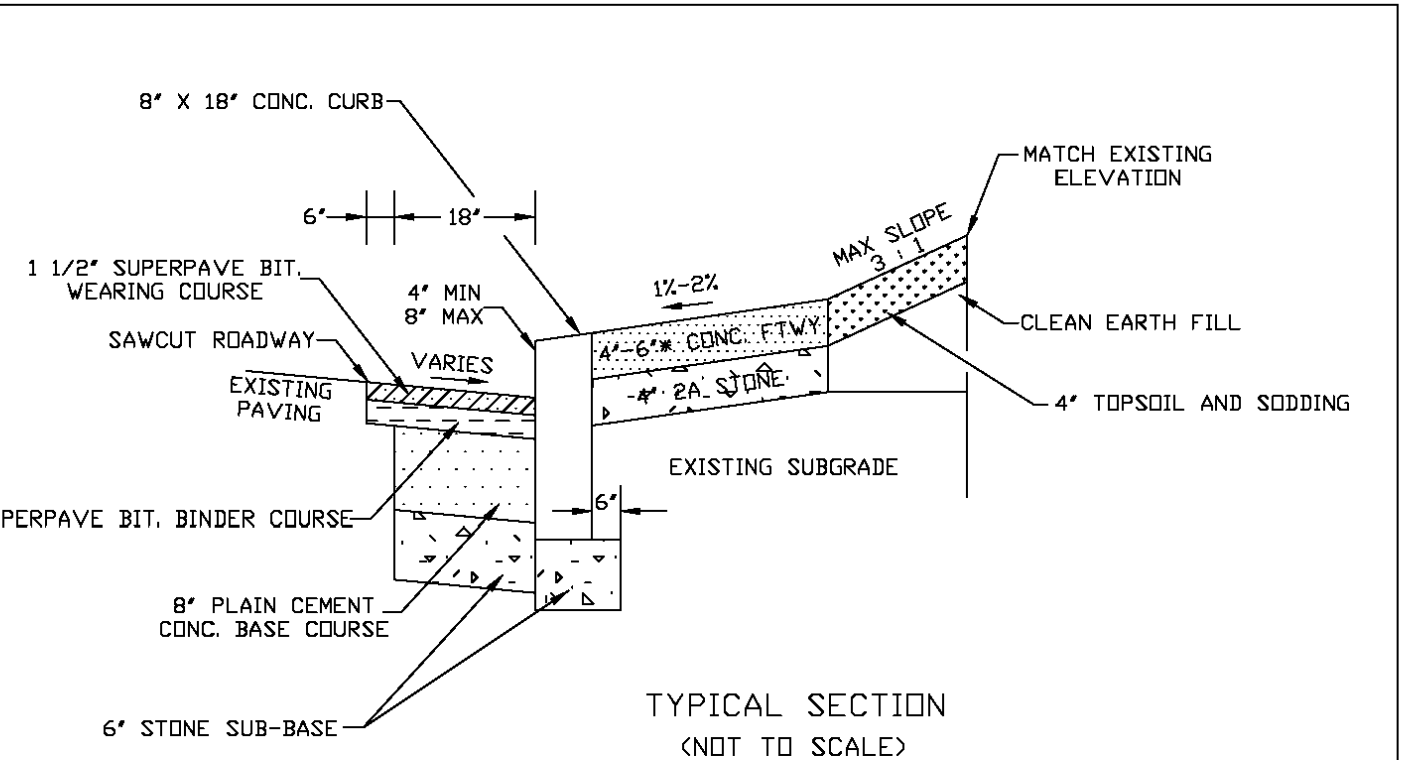


CLEANOUT DETAIL
N.T.S.



WYE CONNECTION STANDARD DETAIL
N.T.S.

DATE:	11/2002	DRAWN BY:	Lena Moldavskaya
SCALE:	NONE	REVISIONS:	
WATER TRANSPORT RECORDS			
PREFABRICATED WYE BRANCH INSTALLATION			

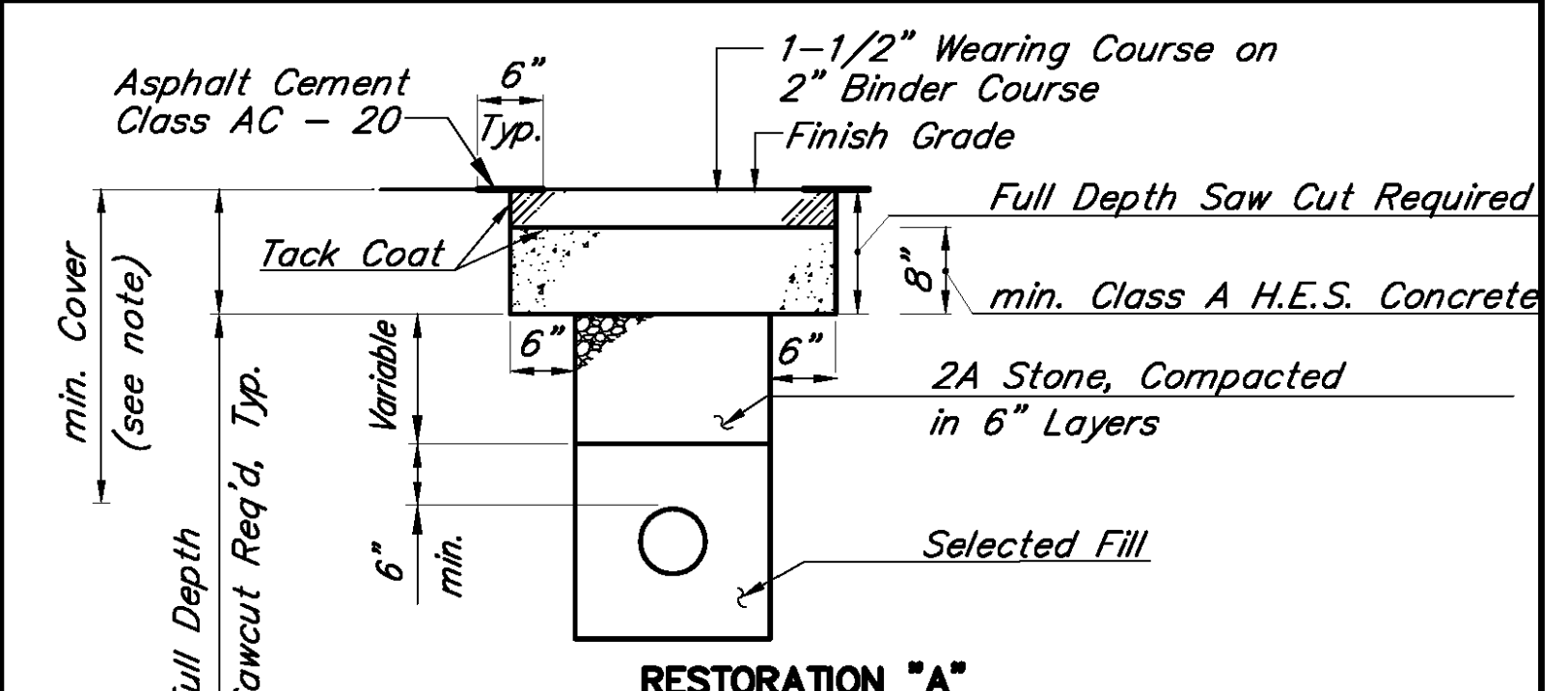


TYPICAL SECTION (NOT TO SCALE)
* 6\"/>

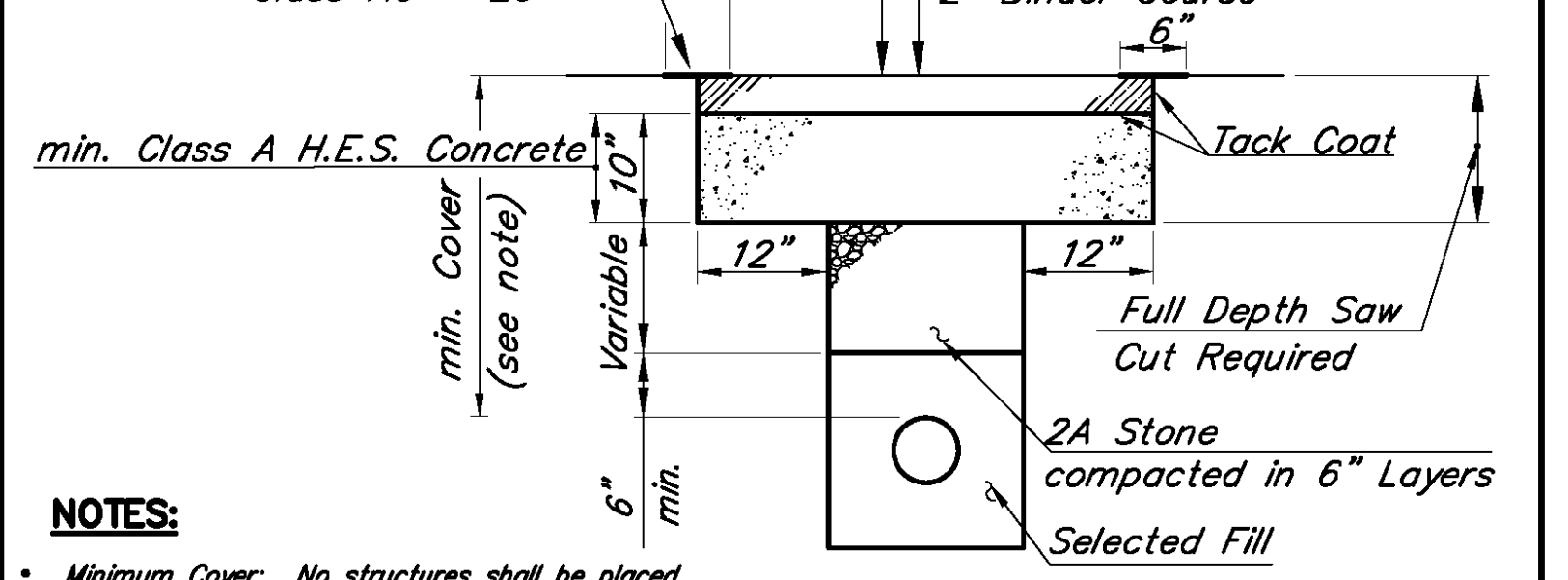
CITY OF PHILADELPHIA
DEPARTMENT OF STREETS
TYPICAL CURB AND FOOTWAY
CONSTRUCTION AND ROADWAY RESTORATION
CONCRETE & GRANITE

DATE:	8-12-12	SHEET 1 OF 1	DRAWING NO.
REVISION:	3-1-15		
APPROVED:	V.L.F.		

SC0101



RESTORATION "A"



RESTORATION "B"

NOTES:

- Minimum Cover: No structures shall be placed less than 24 inches below the roadway or 15 inches below the footway.
- Replace all disturbed pavement markings with thermoplastic tape.
- Pavement Markings must be restored within 7 days of trench restoration.
- All restoration by permittee to be in accordance with the latest Streets Department standards.
- Restoration "B" shall be used for all streets within Center City and all arterial streets outside Center City. Elsewhere, Restoration "A" shall be used. Historic Streets shall be restored in kind.

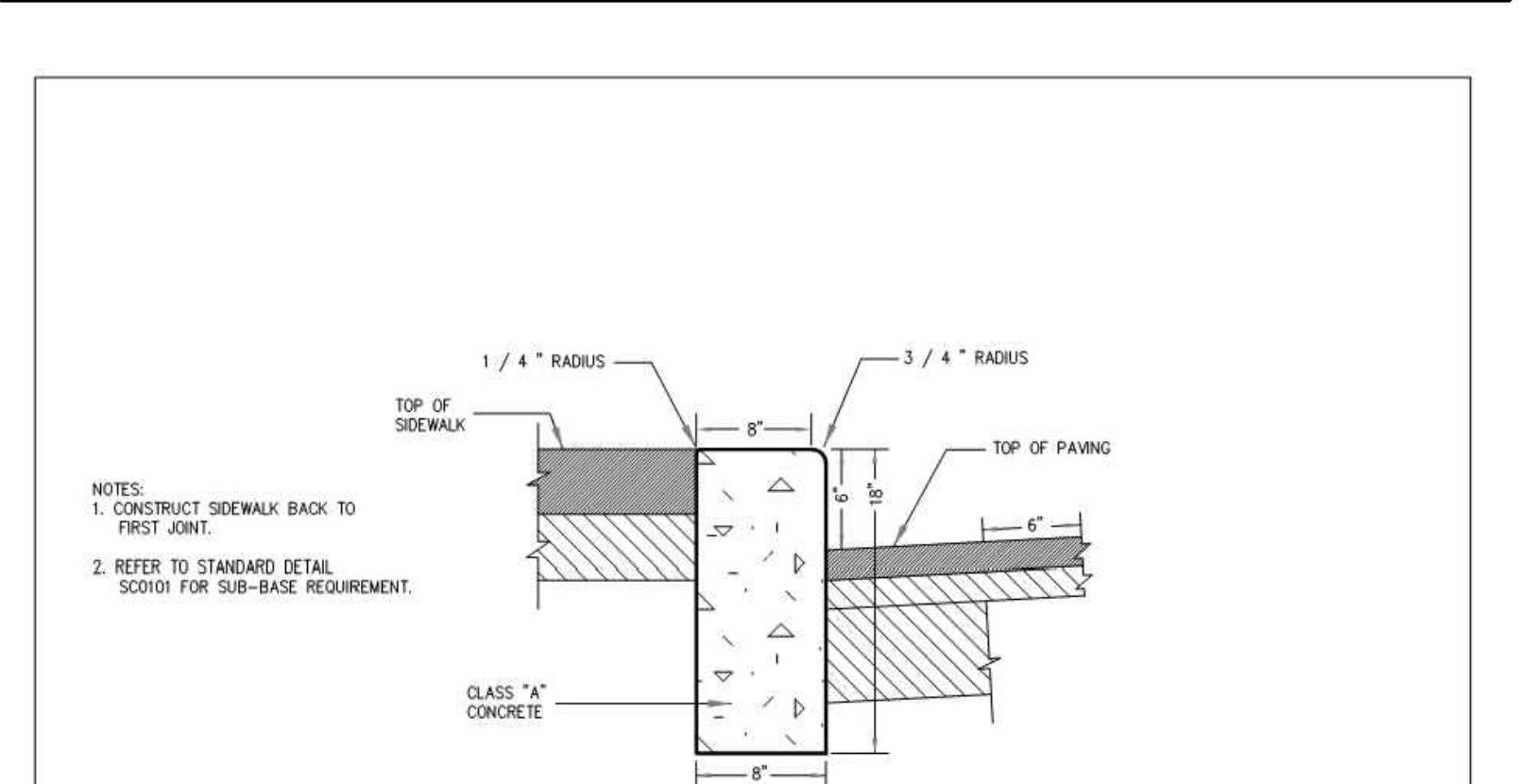
(REPLACES FORMER DETAIL L-901)

CITY OF PHILADELPHIA
DEPARTMENT OF STREETS

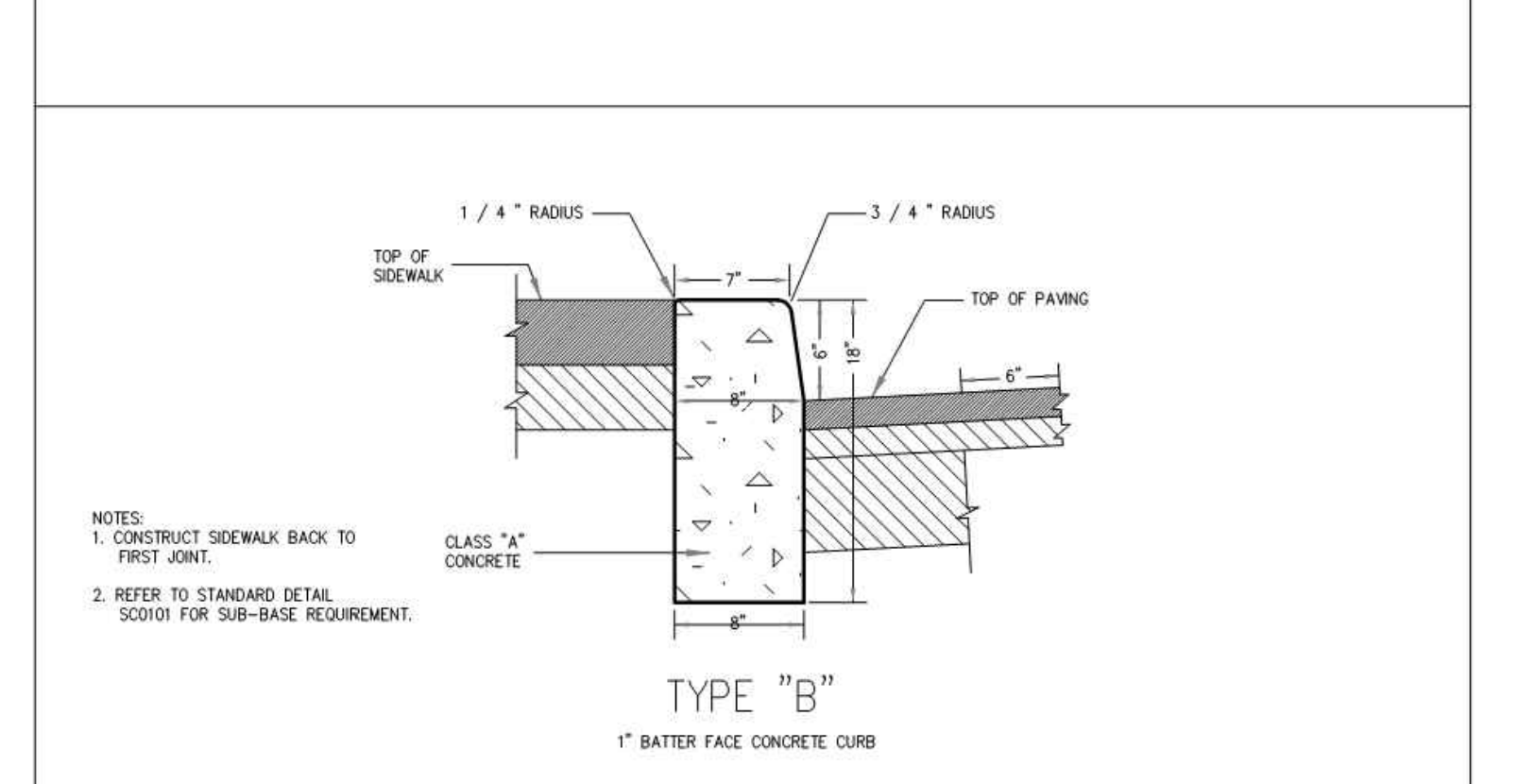
PERMANENT TRENCH RESTORATION

DATE:	2-4-02	SHEET 1 OF 1	DRAWING NO.
REVISION:	3-1-15		
APPROVED:	V.L.F.		

SC0113



TYPE "A"
VERTICAL FACE CONCRETE CURB



TYPE "B"
1\"/>

(REPLACES FORMER DETAIL L-779)

CITY OF PHILADELPHIA
DEPARTMENT OF STREETS
STANDARD
CONCRETE CURB CONSTRUCTION
TYPES "A" & "B"

DATE:	12/29/05	SHEET 1 OF 1	DRAWING NO.
REVISION:	3/01/15		
APPROVED:	V.L.F.		

SC0102

CLIENT DATA

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WWW.CORNERSTONEINC.COM

Pocmona Region 570-839-1770
Lehigh Valley Region 610-820-5200
Philadelphia Region 215-362-2600

NO.	BY	DESCRIPTION	DATE
1	RL	REVISED PER STREETS COMMENTS	02/19/2024
2	RL	REVISED PER STREETS COMMENTS	02/26/2024
3	GW	REVISED PER STREETS COMMENTS	03/01/2024

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PENNSYLVANIA LICENSE NO. PE 055536
MARYLAND LICENSE NO. 20113
NEW JERSEY LICENSE NO. 24618420400
VIRGINIA LICENSE NO. 680184252

PROJECT LOCATION
CONSTRUCTION DOCUMENTS
FOR
REBUILD - VINCENT G. PANATI
PLAYGROUND

3101-27 N. 22ND STREET
W. LIPPINCOTT & N. 22ND STREETS
CITY OF PHILADELPHIA
PENNSYLVANIA, 19132

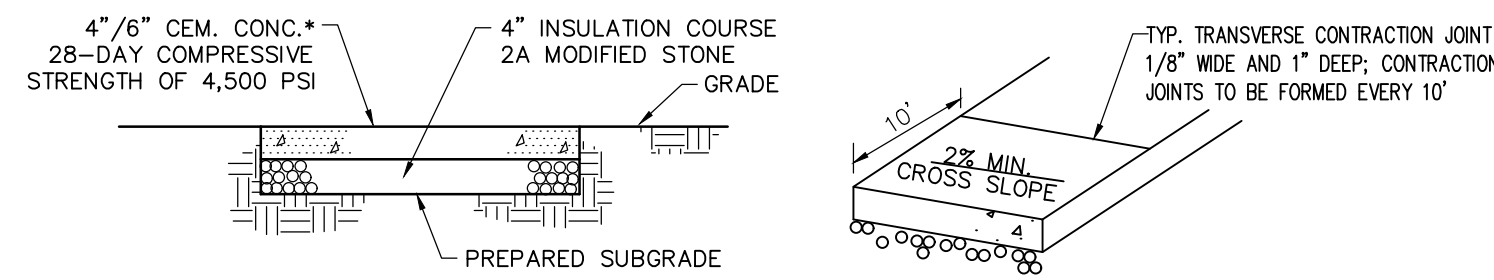
PREPARED FOR:
CITY OF PHILADELPHIA

TITLE

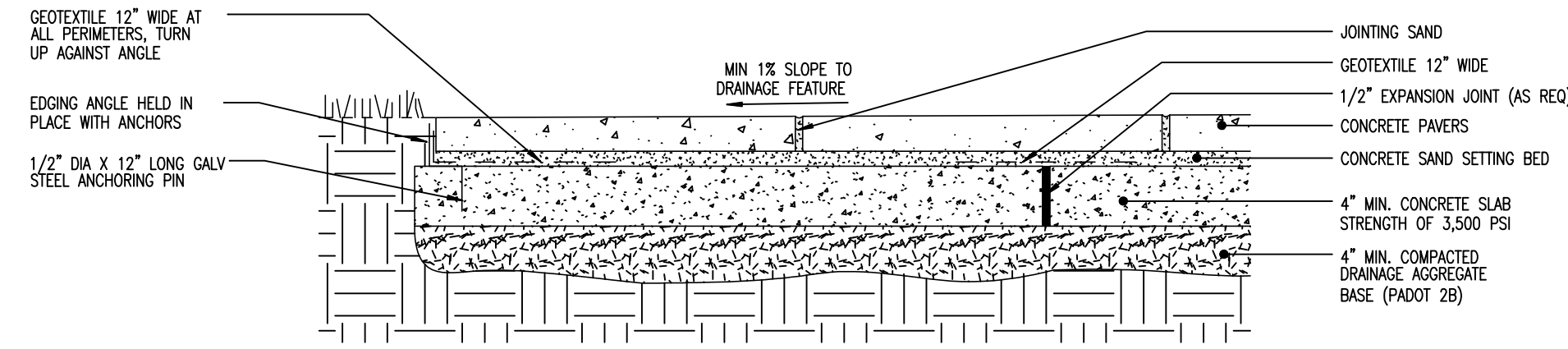
DETAILS

PWD SW TRACKING NO.	FY24-PANA-7562-01
PROJ. #	24-0501
DATE	1/18/2024
CAD ID	23-0501
DRN BY	MD
SCALE	AS NOTED
CHK BY	JBA

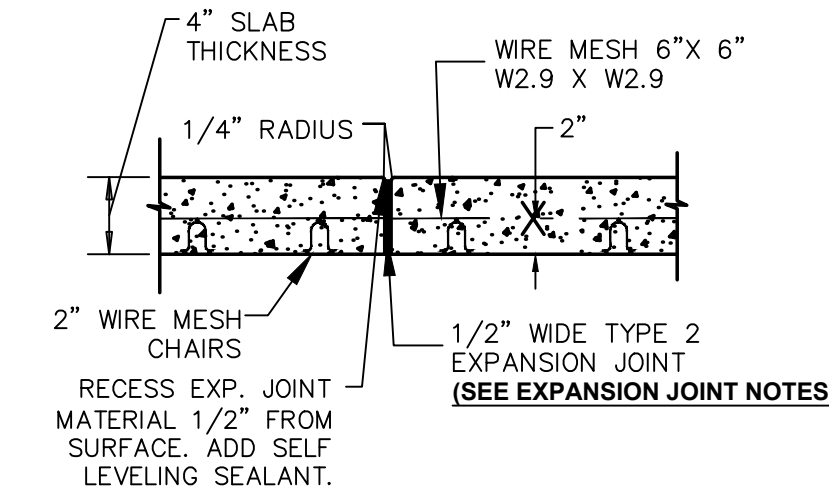
C1.6
REVISION 3



ON SITE CONCRETE DETAIL
NOT TO SCALE



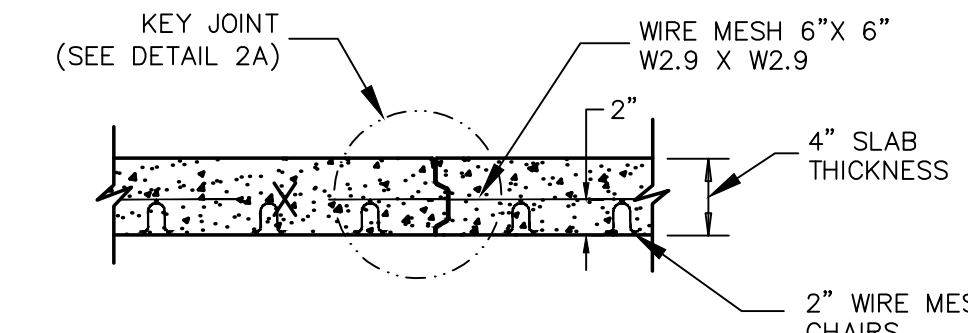
CONCRETE PAVER ASSEMBLY DETAIL
N.T.S.



CONC. MAT AND EXPANSION JOINT DETAIL
N.T.S.

NOTES:

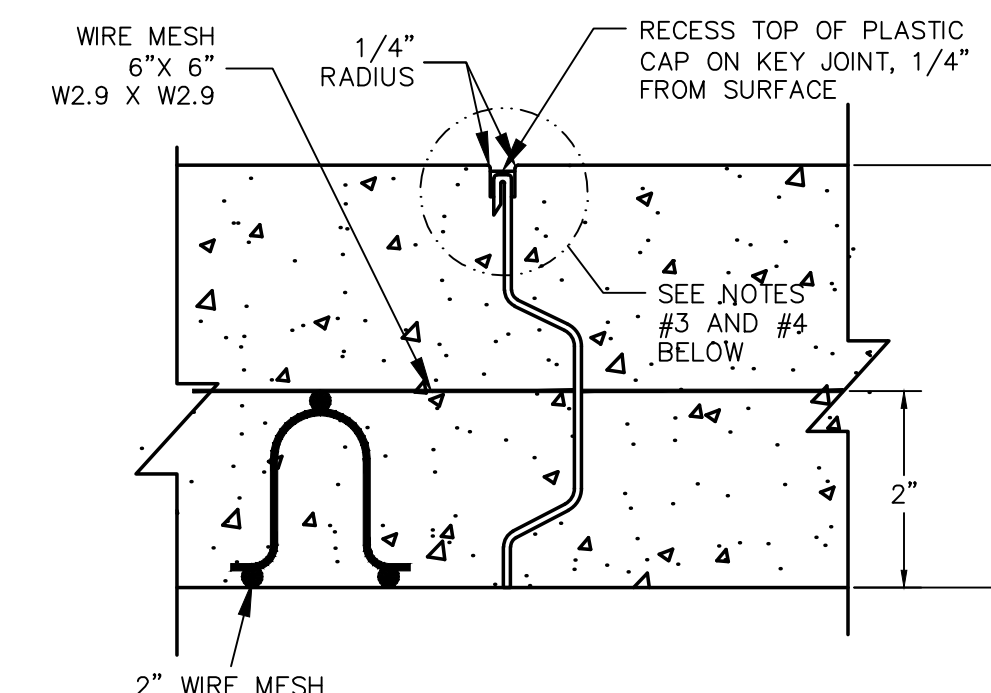
- FOR WIRE MESH, SEE GENERAL NOTE #5
- FOR WIRE MESH CHAIRS, SEE GENERAL NOTE #6



KEY JOINT BETWEEN CONC. MAT
SCALE: NTS

NOTES:

- FOR WIRE MESH, SEE GENERAL NOTE #5
- FOR WIRE MESH CHAIRS, SEE GENERAL NOTE #6



ENLARGED KEY JOINT SECTION
SCALE: NTS

NOTE:

- KEY JOINTS:
 - DAYTON SUPERIOR G-33 SCREED KEY JOINT (FOR 4", 5", & 6" SLABS)
 - DAYTON SUPERIOR G-34 LOAD KEY JOINT (8" & 10" SLABS)
 - ALABAMA METALS VULCAN SCREED KEY
 - "FORM-A-KEY" KEY LOC
 - 7 1/2" KEY FOR 8" SLAB
 - 5 1/2" KEY FOR 6" SLAB
 - 1/2" KEY FOR 4" SLAB
- RECESS KEY JOINT 1/4" FROM SURFACE TO TOP OF PLASTIC CAP ON KEY JOINT. TOOL CONCRETE EDGES 1/4" RADIUS
- USE PLASTIC CAP STRIP (DAYTON SUPERIOR G-38). REMOVE CAP AFTER CONCRETE POUR.
- INSTALL SELF LEVELING SEALANT USED FOR EXPANSION JOINTS, SEE EXPANSION JOINT NOTES (NOTE C).

GENERAL NOTES:

- CONCRETE WORK AND MATERIALS TO CONFORM TO ALL REQUIREMENTS OF THE LATEST REVISIONS OF CODES ACI 301 & ACI 318.
- USE 4500 PSI CONCRETE (OR AS NOTED ON THE PLAN) (READY-MIXED ASTM C-94 OR MIXED-ON-JOB ACI 304), (SLUMP 2"-4", MIN WATER / CEMENT RATIO 0.4 TO 1, AIR CONTENT SHALL BE 4.5 % MIN AND 7.5% MAX).
- ANCHOR BOLTS TO BE ASTM A-307 STEEL.
- REINFORCING STEEL TO BE ASTM A-615 GRADE 60 KSI, DEFORMED BILLET STEEL BARS.
- WIRE MESH TO BE ASTM A-185 ELECTRIC WELDED WIRE FABRIC (6" x 6"-W2.9 x W2.9). MESH IS TO BE OVERLAPPED 6" AND TO BE EXTENDED TO WITHIN 3" OF JOINTS AND EDGE OF MAT (WIRE MESH TO BE IN FLAT SHEETS, NOT ROLLS).
- FOR SUPPORT OF ALL WIRE MESH IN SLABS USE 2" WIRE MESH CHAIRS (MAS-CON OR EQUAL), SPACED AT 4 FT INTERVALS.
- UNSATISFACTORY SUB-GRADE MATERIAL MUST BE REMOVED
- FILL MATERIAL MUST MEET SPECIFICATION AST M-33 FOR CRUSHED STONE. FILL UNDER CURBS, WALKS, DRIVEWAYS AND TRASH ENCLOSURE, SHALL BE 4" (MINIMUM) OF CRUSHED STONE.
- CONCRETE PLACEMENT NOT PERMITTED WHEN TEMPERATURE IS BELOW 40°F AND FALLING OR BELOW 30°F AND RISING. DO NOT POUR CONCRETE IF BACKFILL IS FROZEN.
- TEMPORARY FORMS TO REMAIN IN PLACE FROM 24 TO 72 HOURS.
- CONSTRUCTION LOADS NOT PERMITTED BEFORE 7 DAYS WITHOUT OWNER APPROVAL.
- THE ONLY OWNER APPROVED USE OF CONCRETE PRIOR TO 7 DAYS CURING IS THE USE OF HIGH EARLY STRENGTH CONCRETE (4000 PSI WITH ASTM C-150 TYPE III PORTLAND CEMENT) FOR SLABS SPECIFICALLY DESIGNATED AT OPERATING LOCATIONS FOR VEHICULAR TRAFFIC AFTER 72 HOURS.
- TOP OF WALKS & SLABS TO RECEIVE A FINE BROOM FINISH AND BE SEALED PER SPECIFICATIONS.
- USE HYDRAULIC CEMENT "S-STAR GROUT" OR APPROVED EQUAL FOR BASE PLATE GROUT (NON-SHRINK) AND BUMPER POST.
- REINFORCING WIRE MESH MINIMUM COVER IS 2".
- SLOPE CONCRETE MATS IN ACCORDANCE WITH GRADING PLAN.
- EXPOSED CORNERS ON CONCRETE FOOTINGS SHALL BE CHAMFERED 3/4".
- VOIDS ON ANY FORMED CONCRETE SURFACES ARE TO BE POINTED-UP WITH 1:2 CEMENT MORTAR MIX AND ALL SURFACES WETTED AND RUBBED WITH CARBORUNDUM BRICK OR OTHER ABRASIVE UNTIL UNIFORM COLOR AND TEXTURE IS PRODUCED.
- CONCRETE SEALER
 - ALL HORIZONTAL CONCRETE SHOULD BE SEALED WITH V-SEAL 102 EXCEPT STAMPED CONCRETE
 - ALL HORIZONTAL STAMPED CONCRETE SHOULD BE SEALED WITH V-SEAL 101
 - W.R. MEADOWS VOOOMP-30 WILL BE REPLACED BY V-SEAL 102 FOR ALL CONCRETE SEALING APPLICATIONS
 - V-SEAL SHOULD BE APPLIED ACCORDING TO THE ATTACHED APPLICATION SPECIFICATIONS.
- NEW CONCRETE:
 - APPLY V-SEAL 102 AS A CURING AGENT AFTER ALL BLEED WATER IS GONE, FINISHING IS COMPLETE, AND CONCRETE CAN WITHSTAND THE WEIGHT OF A PERSON WITHOUT MARRING BROOMED SURFACE. (DEPENDING ON ATMOSPHERIC CONDITIONS CURING CAN VARY FROM 3-12 HOURS FROM FINAL FINISHING.)
 - NEWLY POURED CONCRETE SHOULD NOT BE SUBJECTED TO RAIN OR OTHER SOURCES OF WATER PRIOR TO OBTAINING SURFACE HARDNESS. APPLY UNIFORMLY USING A LOW PRESSURE SPRAYER. COVERAGE RATE DEPENDS OF POROSITY OF CONCRETE. THE PRODUCT SHOULD PRODUCE AN EVEN WET SHEEN WITH NO PUDDLES. PUDDLES SHOULD BE IMMEDIATELY DISPERSED WITH LIGHT ROLLING, BEING CAREFUL NOT TO MAR SURFACE. PRODUCT SHOULD BE COMPLETELY ABSORBED IN APPROXIMATELY 1 MINUTE LEAVING A CLEAR FINISH. SURFACE SHOULD BE DRY TO TOUCH IN 1-3 HOURS, BUT SHOULD NOT BE WALKED ON FOR AT LEAST 6 HOURS.
 - A SECOND COAT OF V-SEAL 102 SHOULD BE APPLIED WITHIN 7 TO 10 DAYS OF THE FIRST COAT USING A LOW PRESSURE SPRAYER AND BACK ROLLING FOR BETTER ABSORPTION. CONCRETE SHOULD BE DRY TO THE TOUCH AFTER 3 HOURS AND CAN BE OPENED TO TRAFFIC IN 6-12 HOURS (DEPENDING ON ABSORPTION AND DRYING RATE).
- EXISTING CONCRETE:
 - ENSURE SURFACE IS CLEAN AND FREE OF DIRT, OIL, MILDEW, PAINT, AND TOPICAL COATINGS. ALSO ENSURE THAT SURFACE IS DRY. APPLY V-SEAL 102 WITH A LOW PRESSURE SPRAYER. SPECIFIC COVERAGE RATE IS BASED UPON SUBSTRATE POROSITY. THE PRODUCT SHOULD PRODUCE AN EVEN WET SHEEN WITH NO PUDDLES. PUDDLES SHOULD BE IMMEDIATELY DISPERSED WITH LIGHT ROLLING. PRODUCT SHOULD BE COMPLETELY ABSORBED IN APPROXIMATELY 1 MINUTE LEAVING A CLEAR FINISH. CONCRETE SHOULD BE DRY TO THE TOUCH AFTER 3 HOURS AND CAN BE OPENED TO TRAFFIC IN 6-12 HOURS (DEPENDING ON ABSORPTION AND DRYING RATE).

NOTES ON EXPANSION JOINT TYPES:

- TYPE 1 FLEXIBLE FOAM EXPANSION JOINT CERAMAR AS MFG. BY W.R. MEADOWS OR EQUIVALENT USED TO FOLLOW CURB OF ISLAND FORM AND COLUMNS. RECESS EXP JOINT. 1/4" FROM SURFACE
- TYPE 2 FIBER EXPANSION JOINT COMPOSED OF CELLULAR FIBERS BONDED WITH ASPHALT AS MFG. BY W.R. MEADOWS OR EQUIVALENT. (SEALTIGHT FIBERS EXPANSION JOINT FILLER CAPPED WITH W.R. MEADOWS SNAP CAP 1/2" SIZE) RECESS EXP JOINT. 1/4" FROM SURFACE.
- SEALANT USED FOR EXPANSION JOINTS TYPE 1 AND TYPE 2 ARE SPECIFIED AS "TMC" 900/901 MANUFACTURED BY TREMCO SEALTIGHT GARDON MANUFACTURED BY W.R. MEADOWS SWA SINGLE COMPONENT URETHANE SEALANT "1A" IS RESISTANT TO OIL AND GAS, AND IS SELF LEVELING AND GUNNABLE NON-SAGGING TYPE. (COLOR: GRAY)

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NO	BY	DESCRIPTION	DATE
1	RL	REVISED PER STREETS COMMENTS	02/19/2024
2	RL	REVISED PER STREETS COMMENTS	02/26/2024
3	GW	BID ADDENDUM 2	03/01/2024

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NEW JERSEY LICENSE No. 24618420400
VIRGINIA LICENSE No. 680184252

PROJECT LOCATION
CONSTRUCTION DOCUMENTS FOR
REBUILD - VINCENT G. PANATI PLAYGROUND
3101-27 N. 22ND STREET
W. LIPPINCOTT & N. 22ND STREETS
CITY OF PHILADELPHIA
PENNSYLVANIA, 19132
PREPARED FOR:
CITY OF PHILADELPHIA

TITLE
DETAILS

PROJ. #	23-0501	DATE	1/18/2024
CAD ID.	23-0501	DRN BY	MD
SCALE	AS NOTED	CHK BY	JBA

C1.7
REVISION 3

GENERAL DEMO NOTES

- CONTRACTOR TO VERIFY ALL FIELD DIMENSION AND INFORM ARCHITECT OF ALL DISCREPANCIES PRIOR TO COMMENCEMENT OF ALL WORK.
- CONTRACTOR TO PROTECT ALL ITEMS TO REMAIN.
- CONTRACTOR TO COORDINATE SALVAGE OF EXISTING ITEMS WITH OWNER. ITEMS NOTED FOR SALVAGE SHALL BE STORED AND PROTECTED.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, AND OTHER FORMS OF PROTECTIONS AS REQUIRED TO PROTECT WORKERS AND THE GENERAL PUBLIC FROM INJURY OR SICKNESS DUE TO DEMOLITION WORK.
- CONTRACTOR TO REPAIR DAMAGES CAUSED TO ADJACENT SPACES / FACILITIES BY DEMOLITION WORK.
- ADJACENT SPACES TO WORK AREAS TO BE PROTECTED THROUGHOUT DEMOLITION AND NEW CONSTRUCTION PHASES.
- PRIOR TO COMMENCEMENT OF DEMOLITION, CONTRACTOR TO COORDINATE CUTTING AND CAPPING (TEMPORARY OR OTHERWISE) OF ALL UTILITIES COMING INTO THE "EXTENT OF DEMOLITION FOOTPRINT" AREA.
- SALVAGE AND RETURN BUILDING MOUNTED SECURITY CAMERA SYSTEM TO OWNER, INCLUDING CAMERA, MONITOR, RECORDING EQUIPMENT. ADD ALTERNATE TO REPLACE THE SITE SECURITY CAMERAS WITH NEW BUILDING MOUNTED SYSTEM.
- ALL ITEMS TO BE REMOVED AND PROPERLY DISPOSED OF.

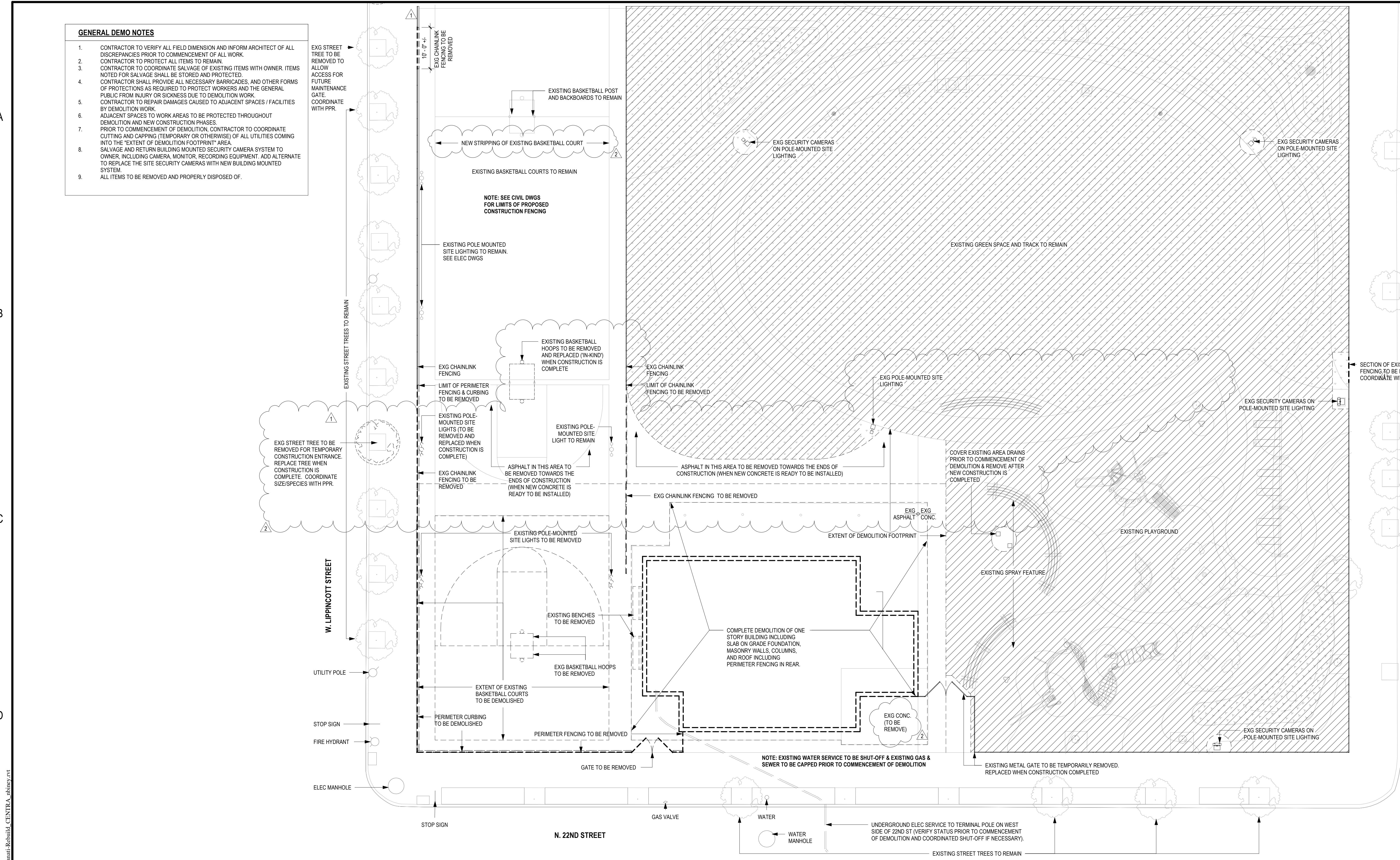
A

B

C

D

E



E2 **DEMOLITION PLAN**
3/32" = 1'-0"

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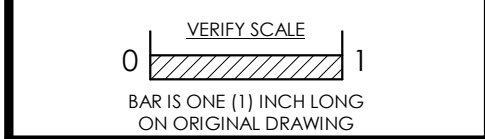
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REBUILD - VINCENT G. PANATI PLAYGROUND
 for
PPR/REBUILD PHILADELPHIA
 3101-27 N 22ND ST, PHILADELPHIA PA 19132



No.	Date	By	Description
1	02/15/2024		BID ADDENDUM 1
2	03/01/2024		BID ADDENDUM 2

Date: 02/09/2024
 Scale: As indicated
 Job No.: 604.2
 Drawn: NB, KN | Appd.: CS

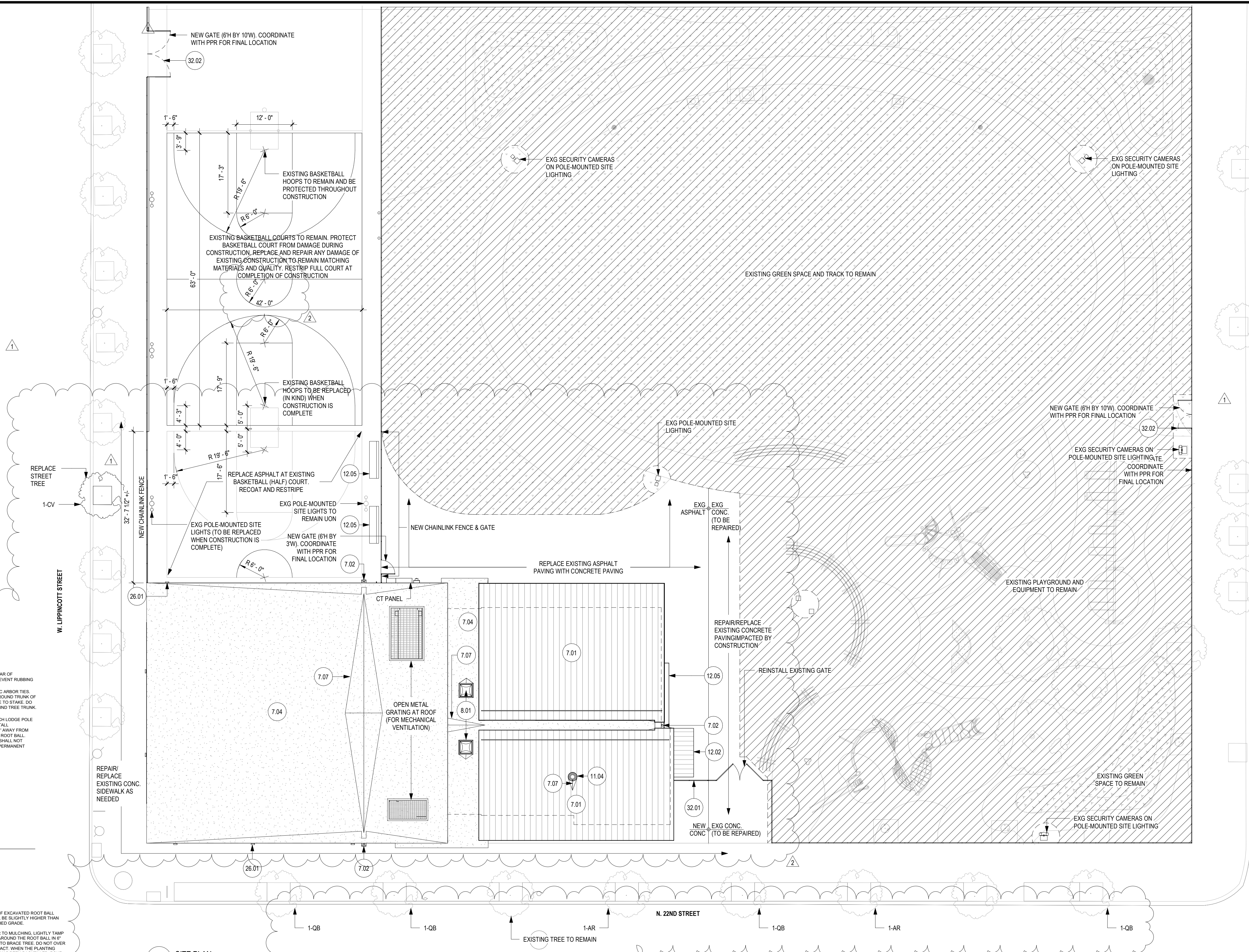
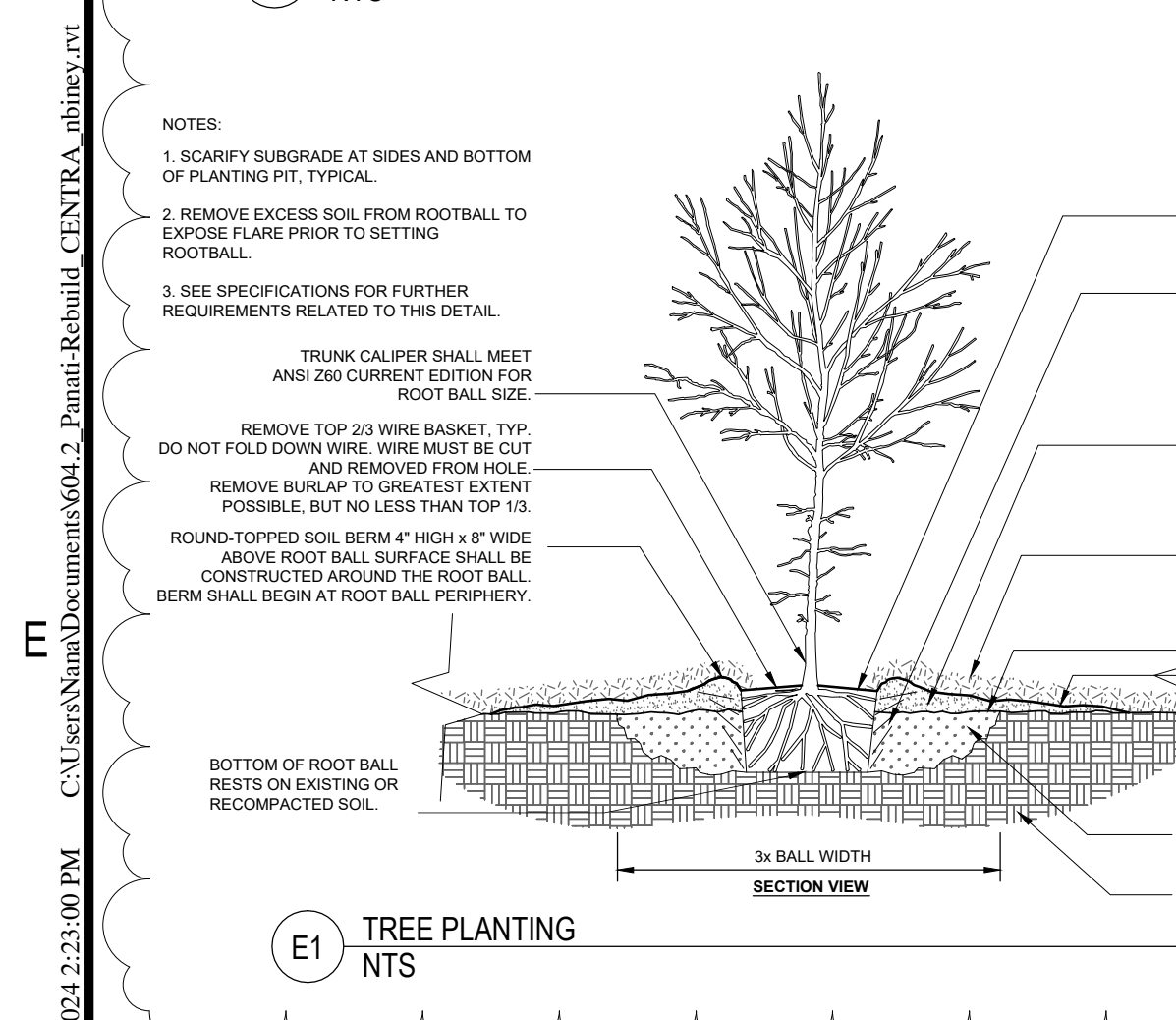
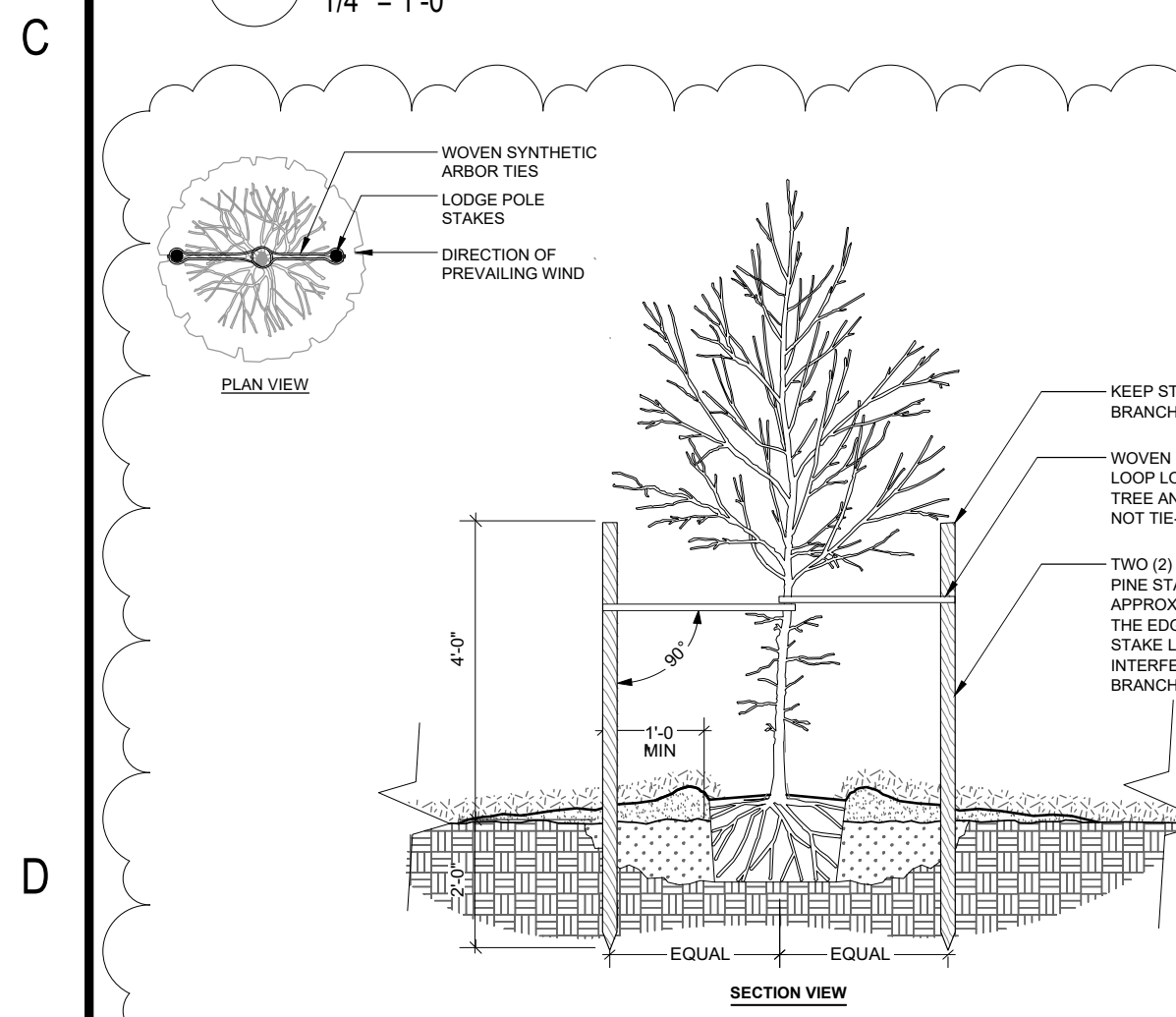
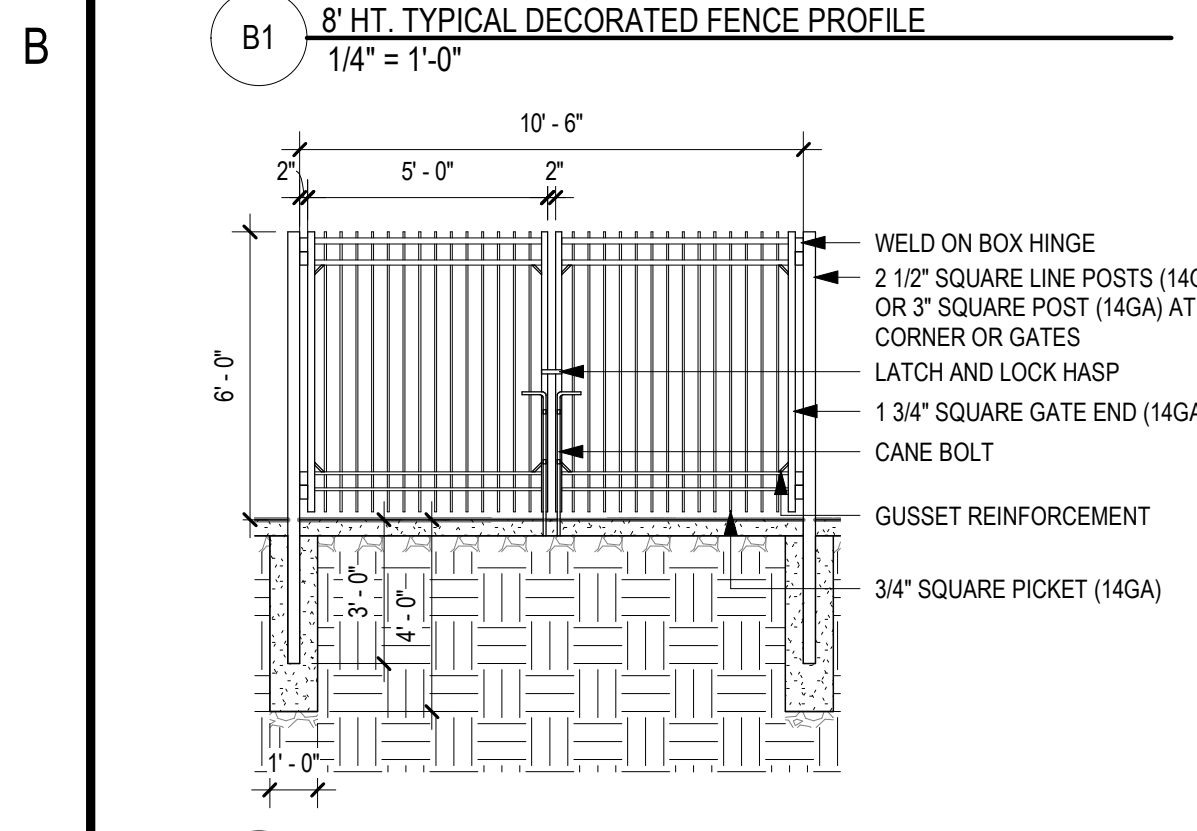
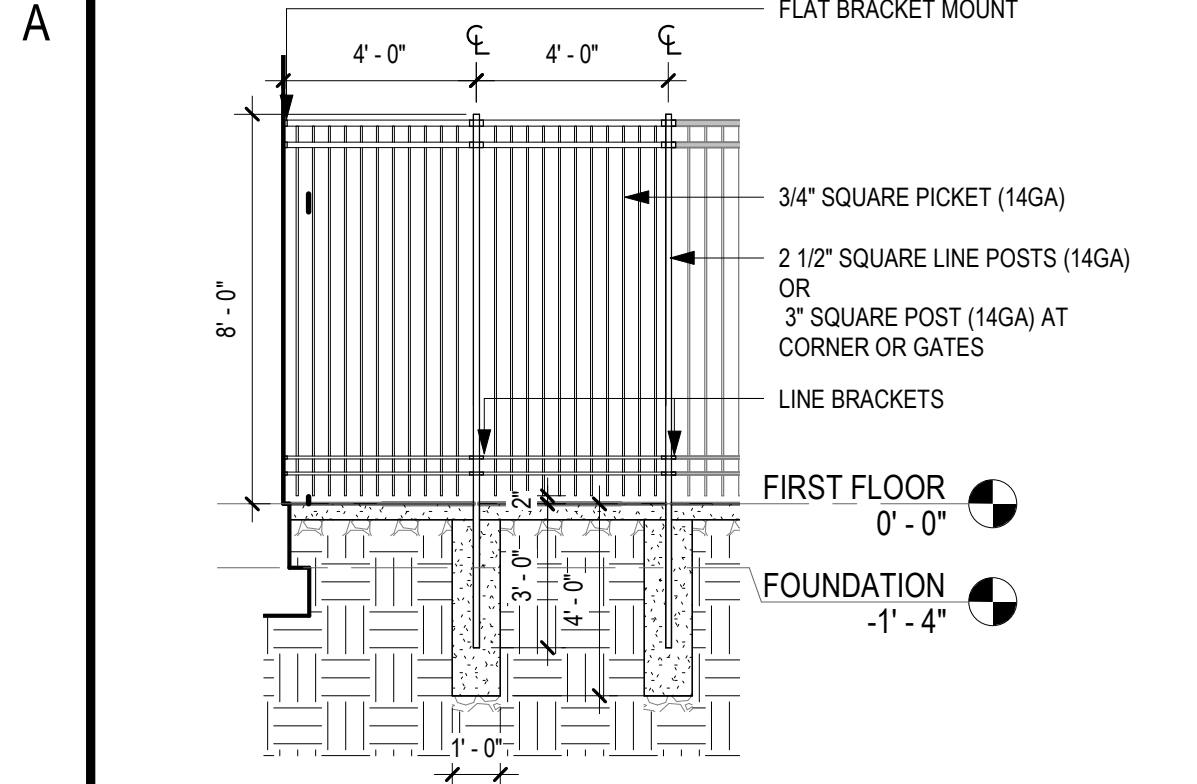
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DEMOLITION PLAN

Sheet No.
AD100

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NEW WORK GENERAL NOTES

- CONTRACTOR TO VERIFY ALL FIELD DIMENSIONS AND INFORM ARCHITECT OF ALL DISCREPANCIES PRIOR TO COMMENCEMENT OF ALL WORK
- ALL DIMENSIONS ARE TO THE FINISHED FACE OF PARTITIONS, CENTERLINE OF COLUMNS, AND THE CENTERLINE OF MULLIONS UN.
- DIMENSIONS MARKED "+ / -" MEAN A TOLERANCE OF NOT GREATER THAN 2 INCHES FROM THE INDICATED DIMENSION UN.



PLANT SCHEDULE

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
Canopy Trees					
3	QB	<i>Quercus bicolor</i>	Swamp White Oak	2" - 2.5" cal.	As Shown
2	AR	<i>Acer rubrum 'Autumn Flame'</i>	Autumn Flame Red Maple	2" - 2.5" cal.	As Shown
Ornamental Trees					
1	CV	<i>Crataegus viridis</i>	'Winter King' Hawthorn	2" - 2.5" cal.	As Shown

KEYNOTE LEGEND

KEY	DESCRIPTION
7.01	STANDING SEAM METAL ROOF
7.02	SCUPPER AND DOWNSPOUT
7.04	MEMBRANE ROOF
7.07	CRICKET
8.01	SKYLIGHT
11.04	KITCHEN HOOD EXHAUST FAN - SEE MEP & F.S. DWGS
12.02	TRASH ENCLOSURE
12.05	BENCH
26.01	EXTERIOR WALL MOUNTED LIGHT FIXTURE
32.01	NEW FENCE TO MATCH EXISTING
32.02	NEW FENCE GATE TO MATCH EXISTING

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REBUILD - VINCENT G. PANATI PLAYGROUND
 for
PPR/REBUILD PHILADELPHIA
 3101-27 N 22ND ST, PHILADELPHIA PA 19132

VERIFY SCALE
 0 1
 BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING

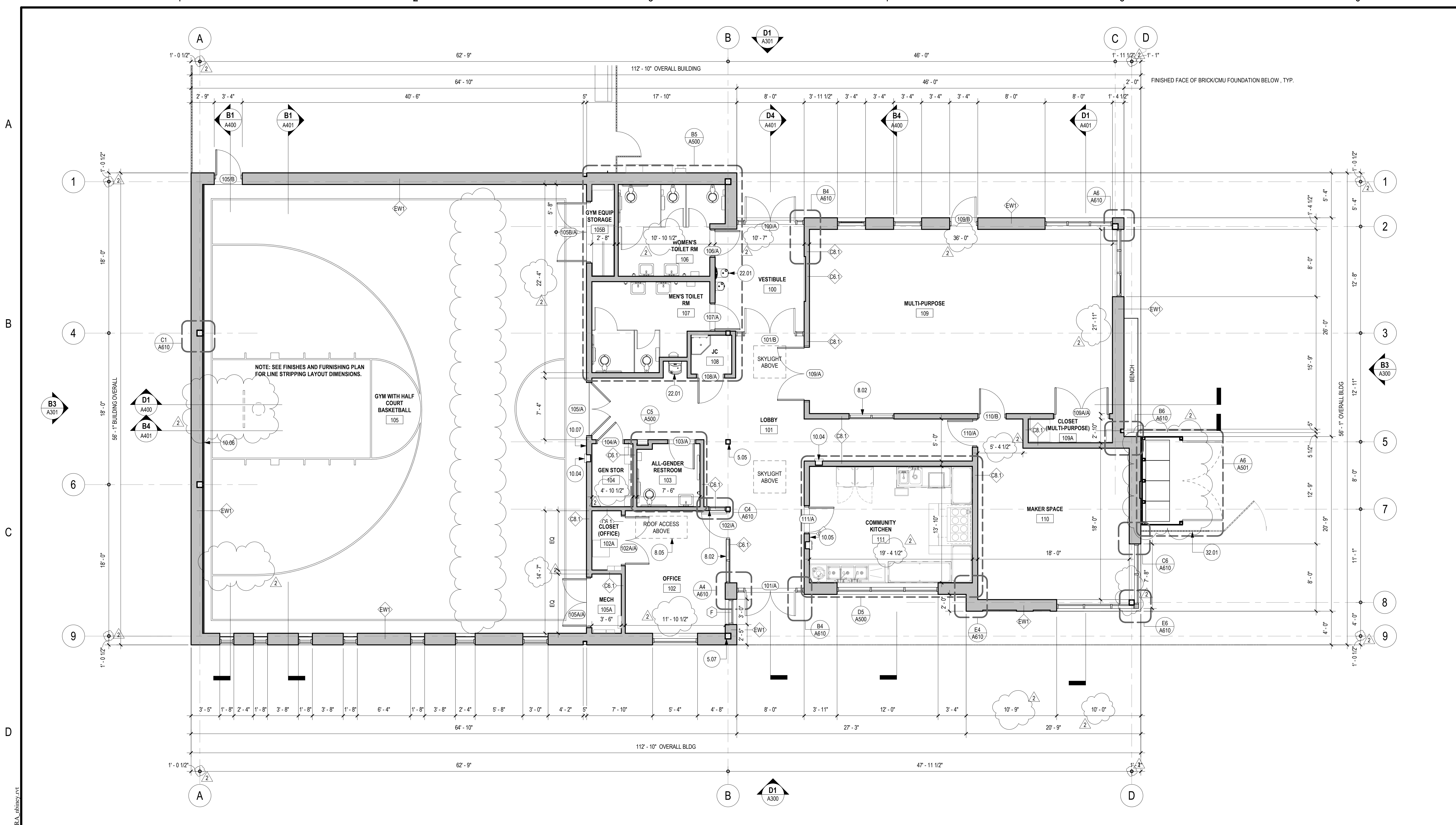
No.	Date	By	Description
1	02/15/2024		BID ADDENDUM 1
2	03/01/2024		BID ADDENDUM 2

Date: 02/09/2024
 Scale: As indicated
 Job No.: 604.2
 Drawn: Author Appd.: Approver

Sheet Title: **SITE PLAN**

Sheet No. **A100**

C:\Users\Nana\Documents\604.2_Panati-Rebuild_CENTRA_rbinney.rvt
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D1 FIRST FLOOR PLAN
3/16" = 1'-0"

NEW WORK GENERAL NOTES

- CONTRACTOR TO VERIFY ALL FIELD DIMENSIONS AND INFORM ARCHITECT OF ALL DISCREPANCIES PRIOR TO COMMENCEMENT OF ALL WORK
- ALL DIMENSIONS ARE TO THE FINISHED FACE OF PARTITIONS, CENTERLINE OF COLUMNS, AND THE CENTERLINE OF MULLIONS UN.
- DIMENSIONS MARKED * +/- MEAN A TOLERANCE OF NOT GREATER THAN 2 INCHES FROM THE INDICATED DIMENSION UN.

KEYNOTE LEGEND

KEY	DESCRIPTION
5.05	HSS EX6 - SEE STRUCT DWGS
5.07	HSS EX8 - SEE STRUCT DWGS
8.02	INTERIOR ALUMINUM STOREFRONT SYSTEM
8.05	ROOF ACCESS HATCH
10.04	RECESSED CLASS A FIRE EXTINGUISHER
10.05	RECESSED CLASS K FIRE EXTINGUISHER
10.06	WALL PADS
10.07	BACKSTOP SWITCH. COORDINATE WITH ELEC DWGS
22.01	DRINKING FOUNTAIN WITH BOTTLE FILLER
32.01	NEW FENCE TO MATCH EXISTING

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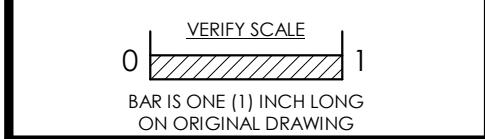
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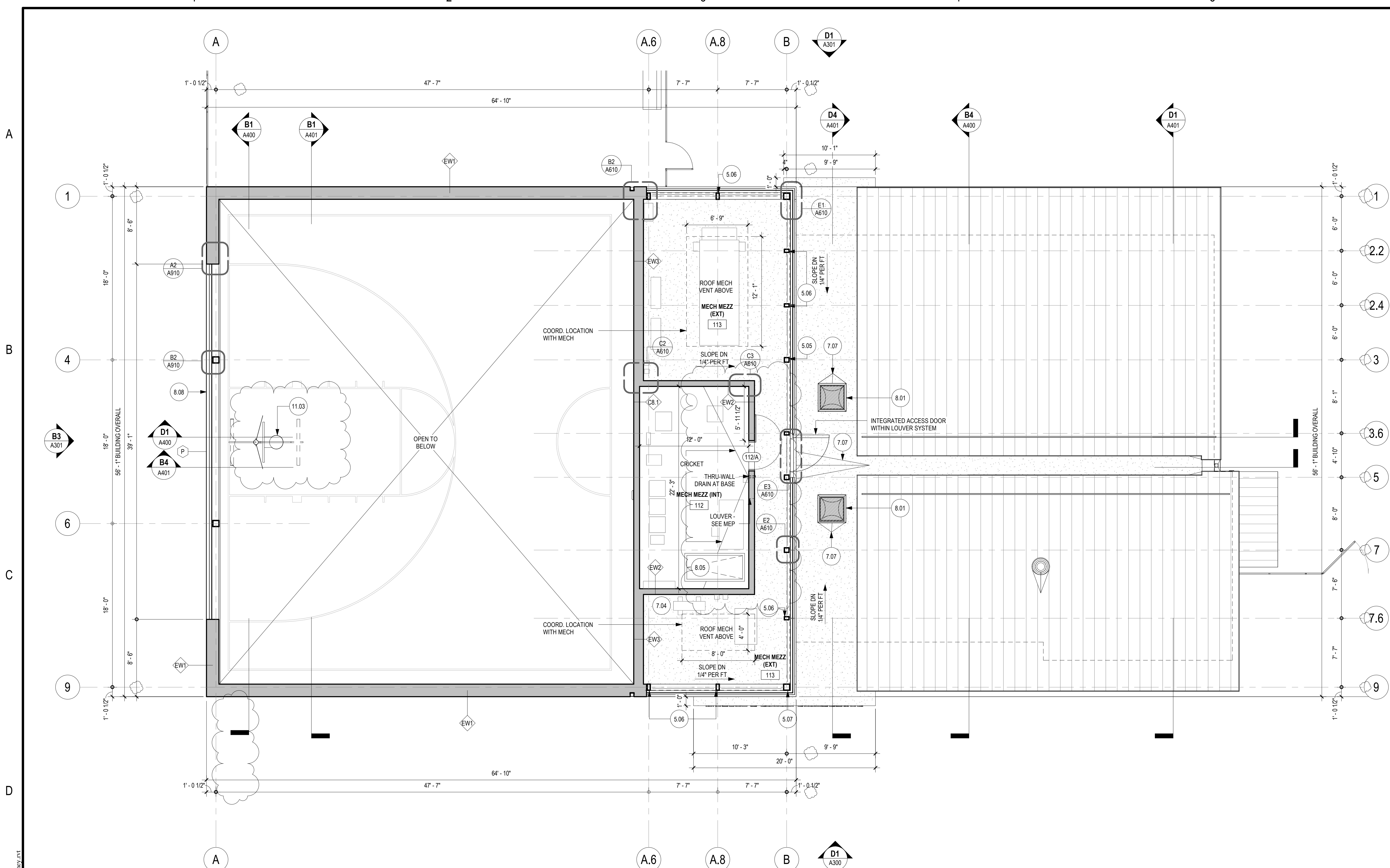
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1	03/01/2024		BHP ADDENDUM 2

Date: 02/09/2024
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 Job No.: 604.2
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Sheet Title:
FLOOR PLAN

Sheet No.
A110

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D1 MEZZANINE FLOOR PLAN
3/16" = 1'-0"

NEW WORK GENERAL NOTES

- CONTRACTOR TO VERIFY ALL FIELD DIMENSIONS AND INFORM ARCHITECT OF ALL DISCREPANCIES PRIOR TO COMMENCEMENT OF ALL WORK
- ALL DIMENSIONS ARE TO THE FINISHED FACE OF PARTITIONS, CENTERLINE OF COLUMNS, AND THE CENTERLINE OF MULLIONS UON.
- DIMENSIONS MARKED * / - * MEAN A TOLERANCE OF NOT GREATER THAN 2 INCHES FROM THE INDICATED DIMENSION UON.

KEYNOTE LEGEND

KEY	DESCRIPTION
5.05	HSS 6X6 - SEE STRUCT DWGS
5.06	HSS 6X4 - SEE STRUCT DWGS
5.07	HSS 8X8 - SEE STRUCT DWGS
8.01	SKYLIGHT
8.05	ROOF ACCESS HATCH
8.08	TRANSLUCENT FIBERGLASS GLAZING
11.03	CEILING MOUNTED BASKETBALL HOOP

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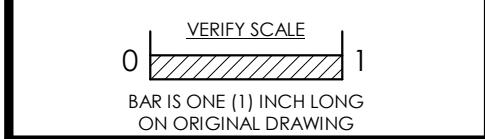
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No.	Date	By	Description
1	02/09/2024		
2	03/01/2024		BHP ADDENDUM 2

Date: 02/09/2024
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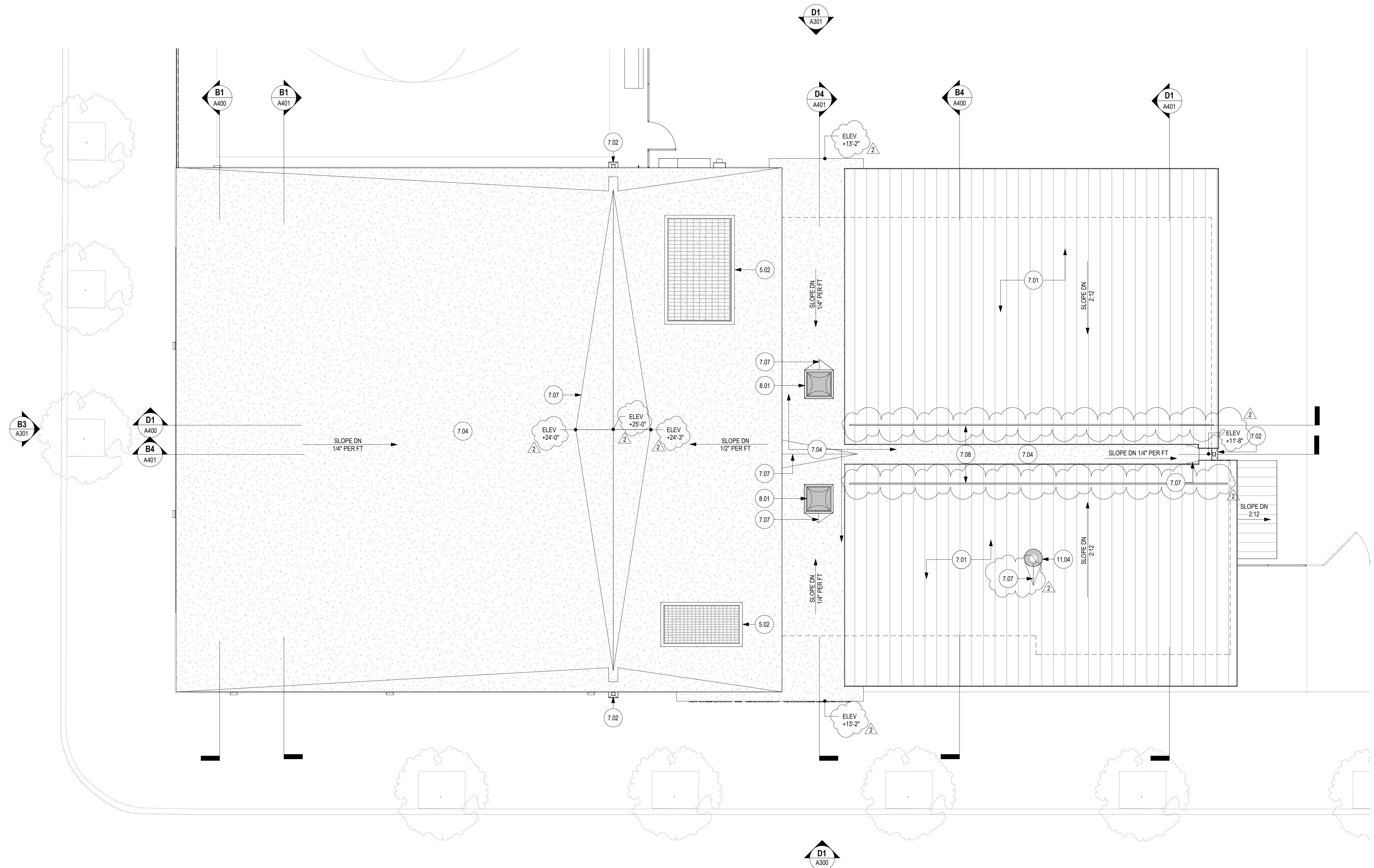
Sheet Title:
FLOOR PLAN

Sheet No.
A120

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1 2 3 4 5 6

A
B
C
D



D1 ROOF PLAN
3/16" = 1'-0"

- NEW WORK GENERAL NOTES**
1. CONTRACTOR TO VERIFY ALL FIELD DIMENSIONS AND INFORM ARCHITECT OF ALL DISCREPANCIES PRIOR TO COMMENCEMENT OF ALL WORK
 2. ALL DIMENSIONS ARE TO THE FINISHED FACE OF PARTITIONS, CENTERLINE OF COLUMNS, AND THE CENTERLINE OF MULLIONS UON.
 3. DIMENSIONS MARKED * +/- * MEAN A TOLERANCE OF NOT GREATER THAN 2 INCHES FROM THE INDICATED DIMENSION UON.

KEYNOTE LEGEND

KEY	DESCRIPTION
5.02	OPEN METAL GRATING
7.02	SCUPPER AND DOWNSPOUT
7.04	MEMBRANE ROOF
7.07	CRICKET

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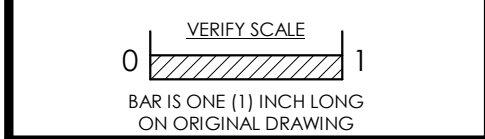
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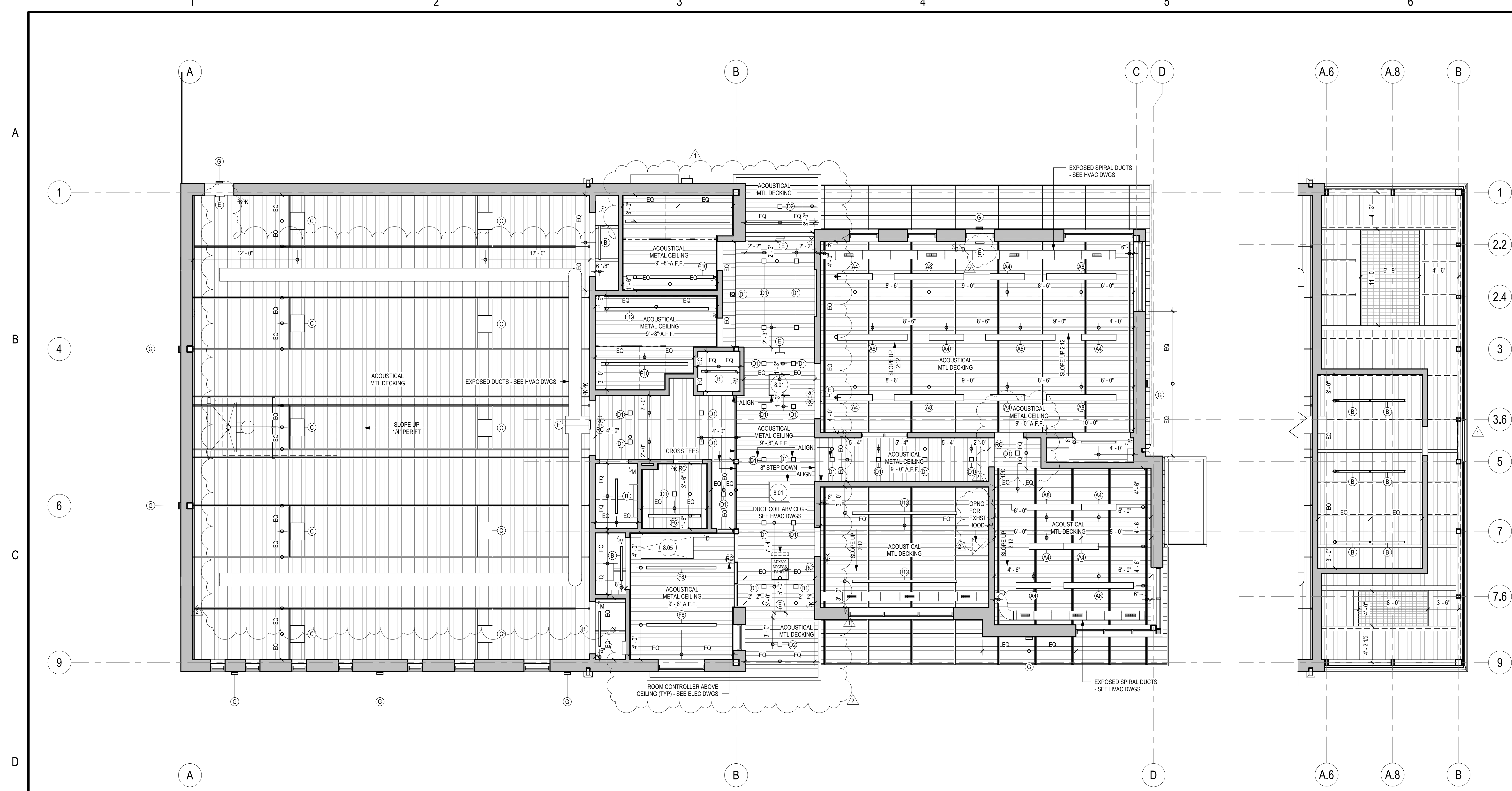


No.	Date	By	Description
1	03/01/2024		BHP ADDENDUM 2
2			

Date: 02/09/2024
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Sheet Title:
ROOF PLAN

Sheet No.
A130



D1 FIRST FLOOR REFLECTED CEILING PLAN
3/16" = 1'-0"

D6 MECH MEZZANINE REFLECTED CEILING PLAN
3/16" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES.

1. CENTER LIGHT FIXTURES IN ROOM / SPACE UON.
2. CONTRACTOR TO COORDINATE LOCATIONS OF ALL CEILING HUNG EQUIPMENT WITH OWNER PRIOR TO INSTALLATION.
3. CONTRACTOR TO PROVIDE ADDITIONAL BLOCKING ABOVE THE CEILING FOR ANY CEILING FOR ANY HUNG PROJECTION SCREENS, AV EQUIPMENT OR CAMERAS. SEE MEP DOCUMENTS FOR ADDITIONAL INFORMATION REGARDING EXIT SIGNAGE LOCATIONS, LIGHT FIXTURES, SWITCHING, ETC.
5. PENDANT LIGHTS 10'-0" AFF UON.
6. BOTTOM OF DUCT AT 10'-0". COORDINATE WITH MECH DWGS.

KEYNOTE LEGEND

KEY	DESCRIPTION
8.01	SKYLIGHT
8.05	ROOF ACCESS HATCH

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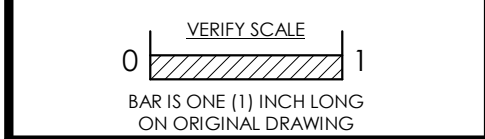
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Sheet Title:
REFLECTED CEILING PLANS

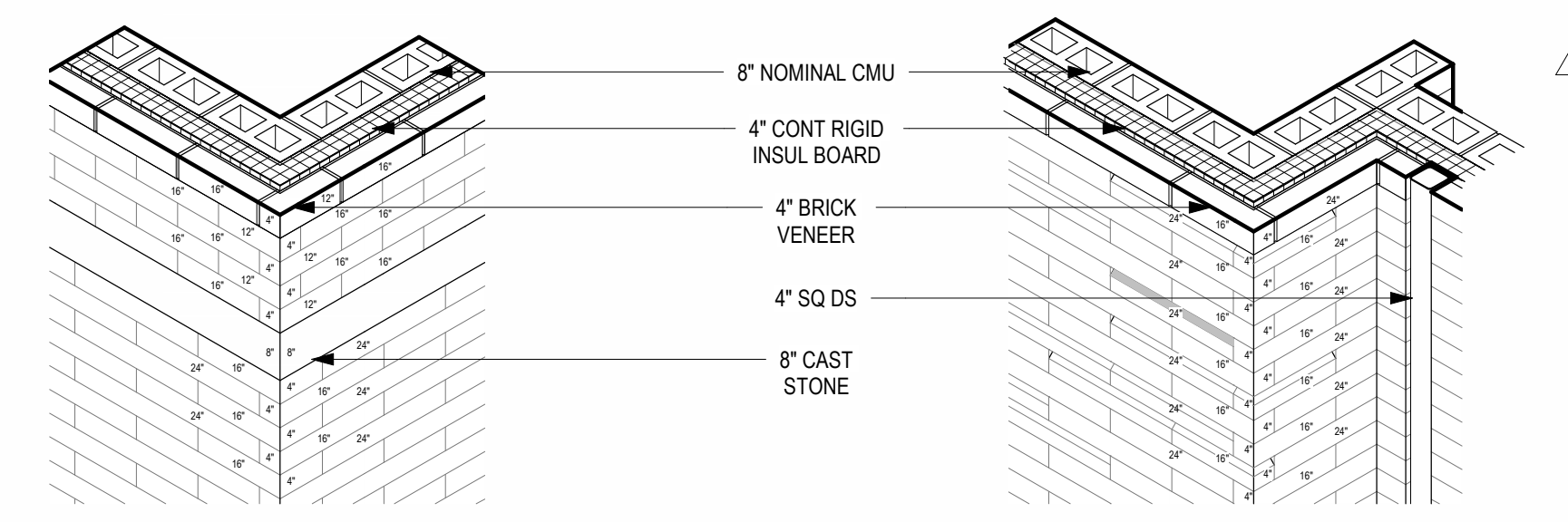
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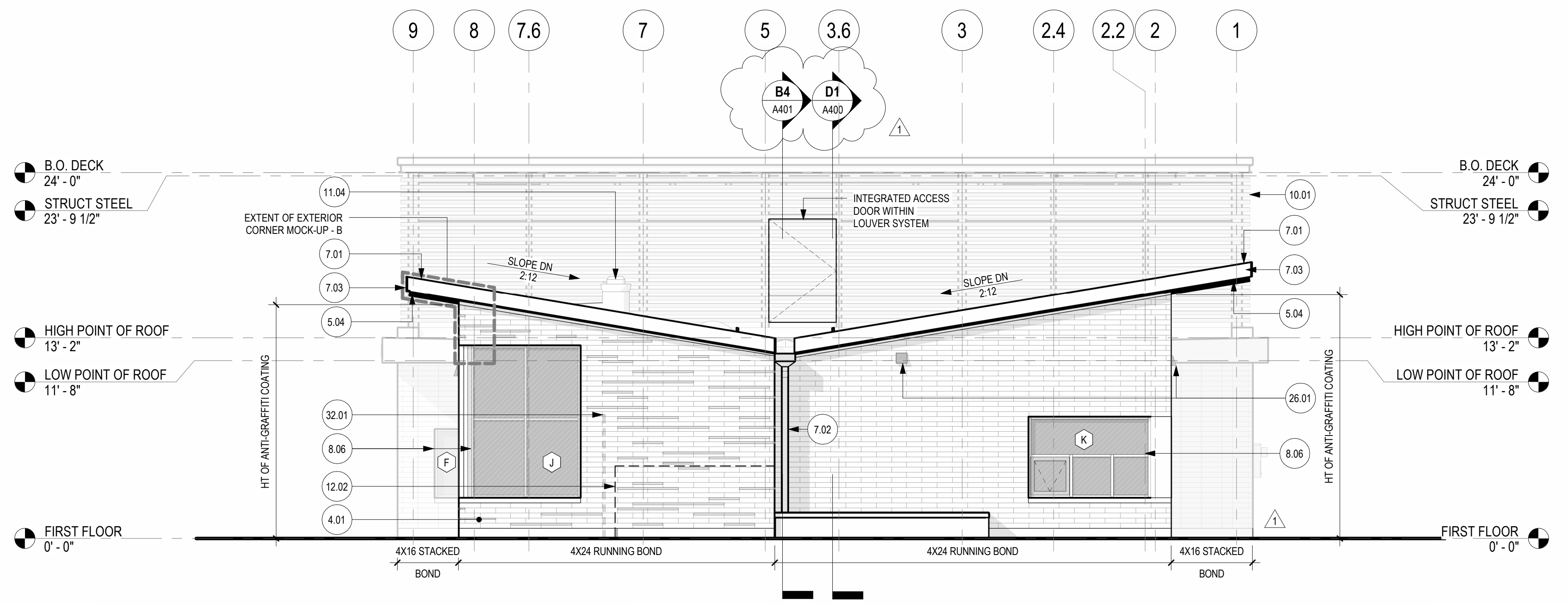
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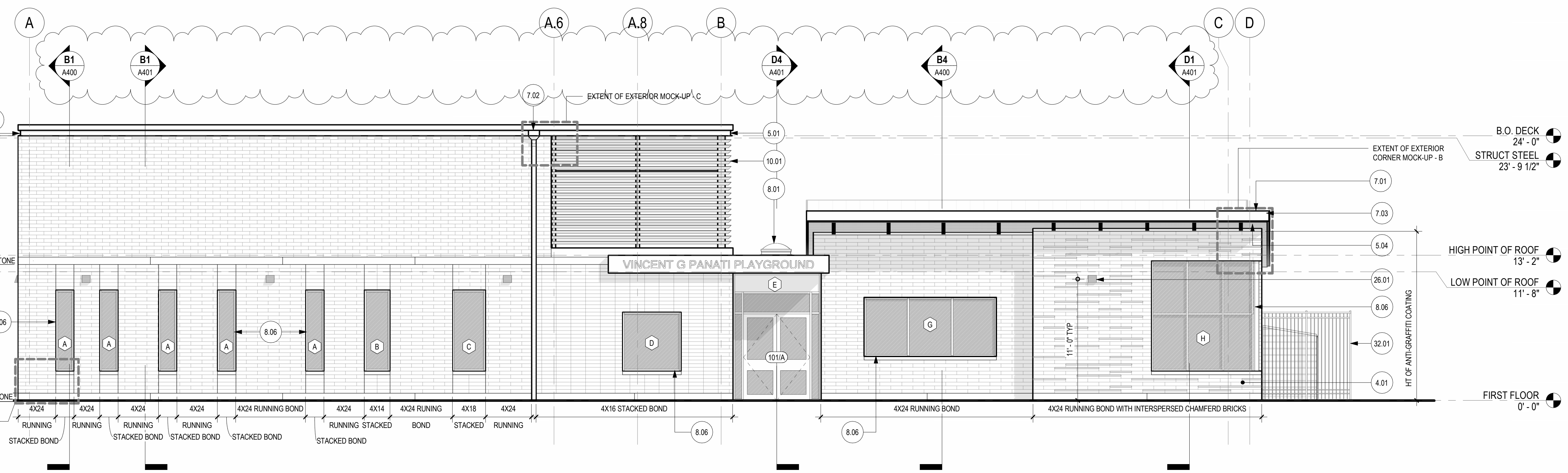


B1 PERSPECTIVE BRICK COARSING @ CORNER

B2 PERSPECTIVE CHAMFERED BRICK COARSING @ CORNER



B3 SOUTH ELEVATION
3/16" = 1'-0"



D1 WEST ELEVATION
3/16" = 1'-0"

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KEYNOTE LEGEND

KEY	DESCRIPTION
4.01	MASONRY VENEER
5.01	6" METAL CHANNEL
5.04	METAL DECKING @ SOFFIT
7.01	STANDING SEAM METAL ROOF
7.02	SCUPPER AND DOWNSPOUT
7.03	STAINLESS STEEL FASCIA
8.01	SKYLIGHT
8.06	ALUMINUM STOREFRONT WINDOW SYSTEM W/ SECURITY SCREEN
10.01	LOUVERS
11.04	KITCHEN HOOD EXHAUST FAN - SEE MEP & F.S. DWGS
12.02	TRASH ENCLOSURE
26.01	EXTERIOR WALL MOUNTED LIGHT FIXTURE
32.01	NEW FENCE TO MATCH EXISTING

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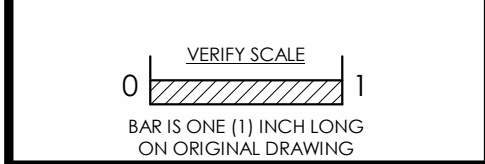
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Sheet Title:
BUILDING ELEVATIONS

Sheet No.
A300

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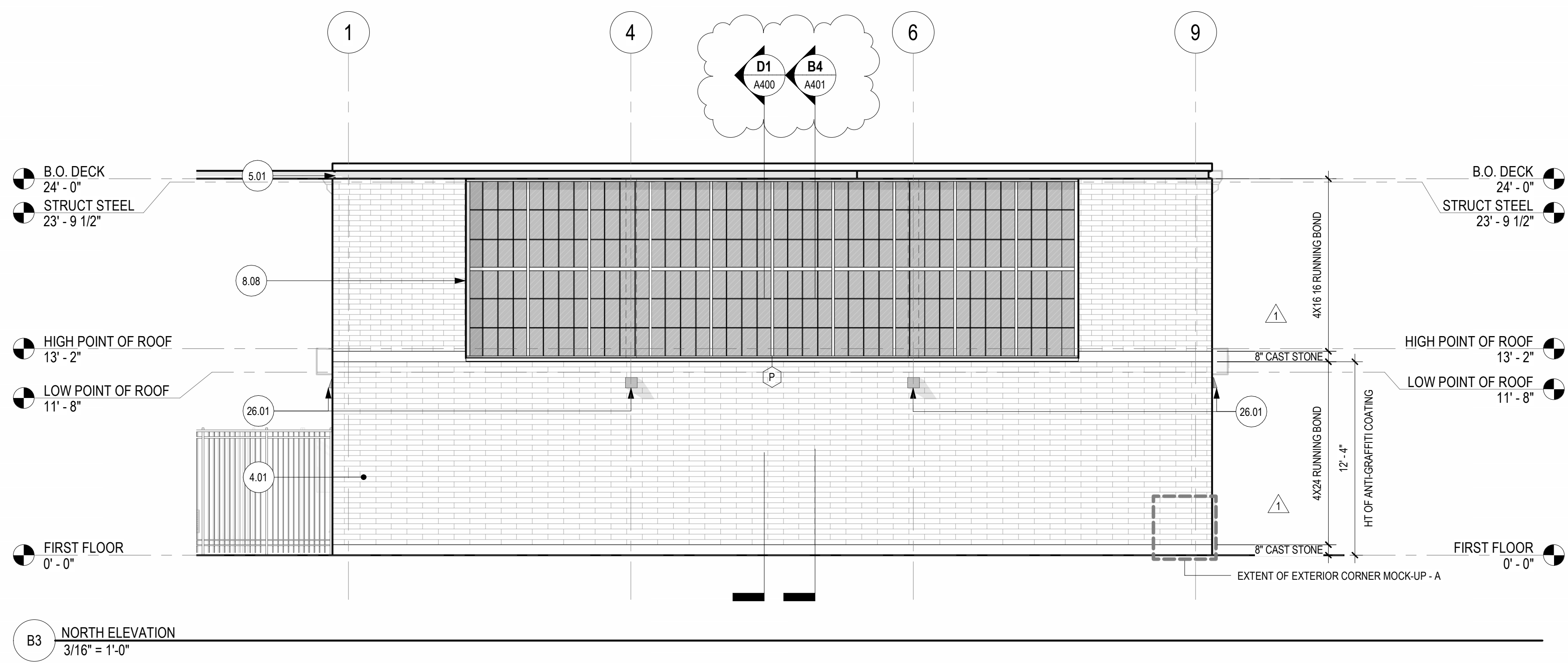
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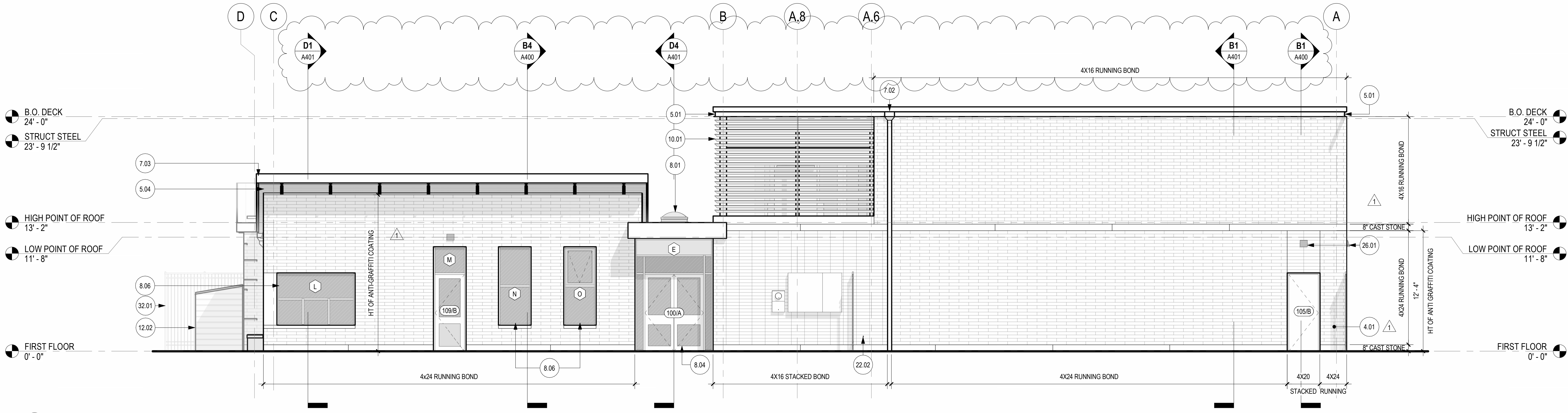
C

D

E



B3 NORTH ELEVATION
3/16" = 1'-0"



D1 EAST ELEVATION
3/16" = 1'-0"

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KEYNOTE LEGEND

KEY	DESCRIPTION
4.01	MASONRY VENEER
5.01	6" METAL CHANNEL
5.04	METAL DECKING @ SOFFIT
7.02	SCUPPER AND DOWNSPOUT
7.03	STAINLESS STEEL FASCIA
8.01	SKYLIGHT
8.04	ALUMINUM STOREFRONT ENTRY SYSTEM
8.06	ALUMINUM STOREFRONT WINDOW SYSTEM W/ SECURITY SCREEN
8.08	TRANSLUCENT FIBERGLASS GLAZING
10.01	LOUVERS
12.02	TRASH ENCLOSURE
22.02	WALL HYDRANT - COORDINATE WITH PLUMBING DWGS
26.01	EXTERIOR WALL MOUNTED LIGHT FIXTURE
32.01	NEW FENCE TO MATCH EXISTING

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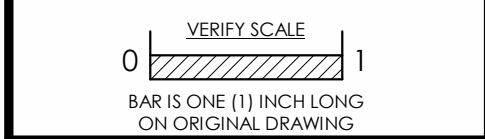
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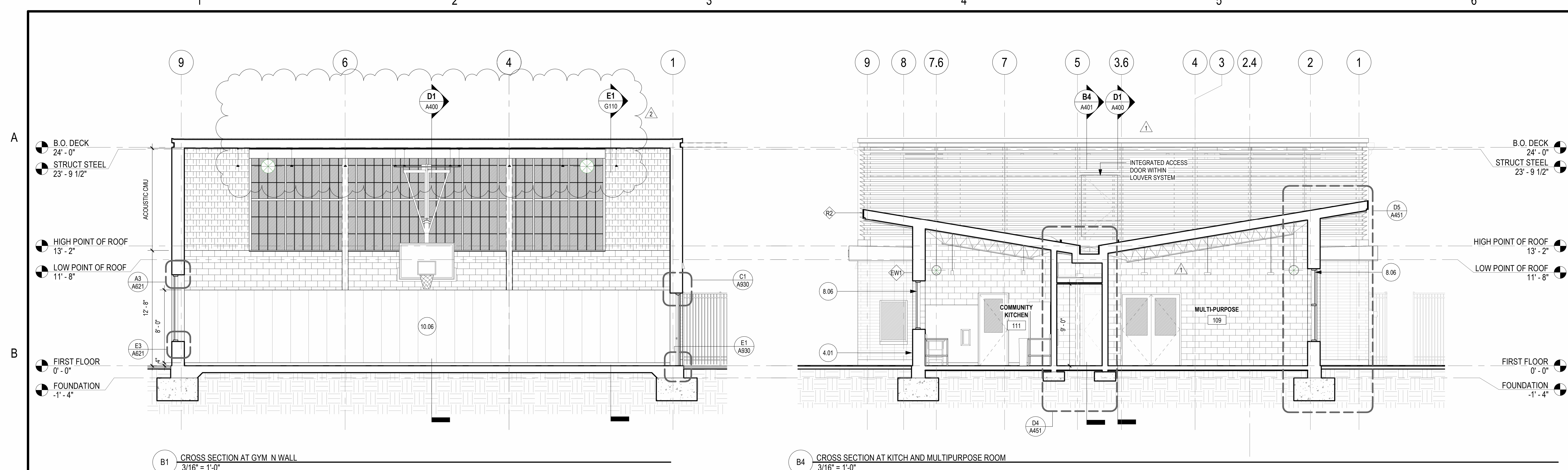
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BUILDING ELEVATIONS

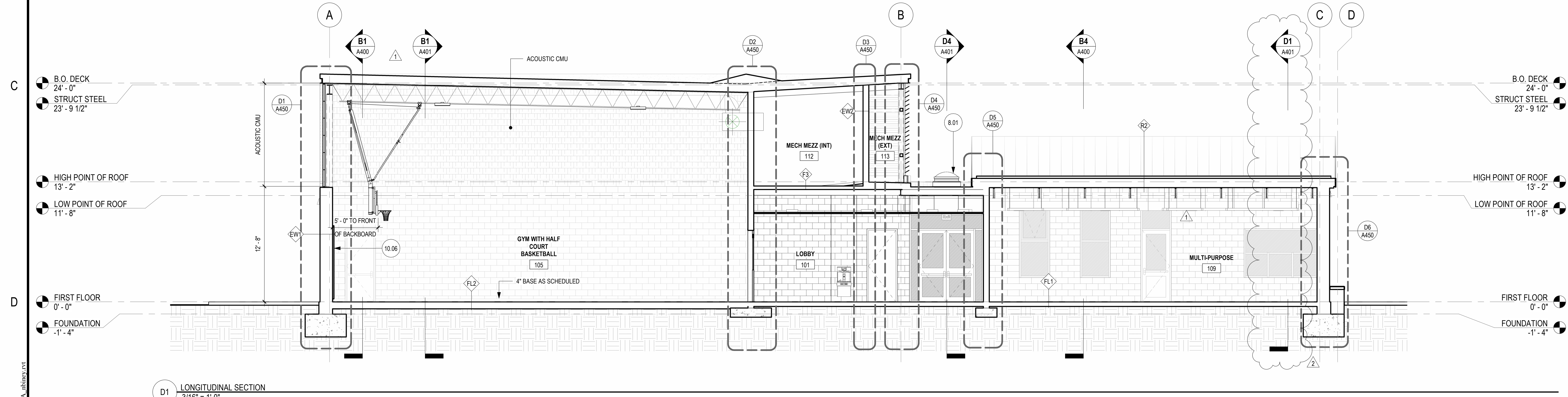
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B1 CROSS SECTION AT GYM N WALL
3/16" = 1'-0"

B4 CROSS SECTION AT KITCH AND MULTIPURPOSE ROOM
3/16" = 1'-0"



D1 LONGITUDINAL SECTION
3/16" = 1'-0"

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KEYNOTE LEGEND

KEY	DESCRIPTION
4.01	MASONRY VENEER
8.01	SKYLIGHT
8.06	ALUMINUM STOREFRONT WINDOW SYSTEM W/ SECURITY SCREEN
10.06	WALL PADS

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VERIFY SCALE
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 BAR IS ONE (1) INCH LONG ON ORIGINAL DRAWING

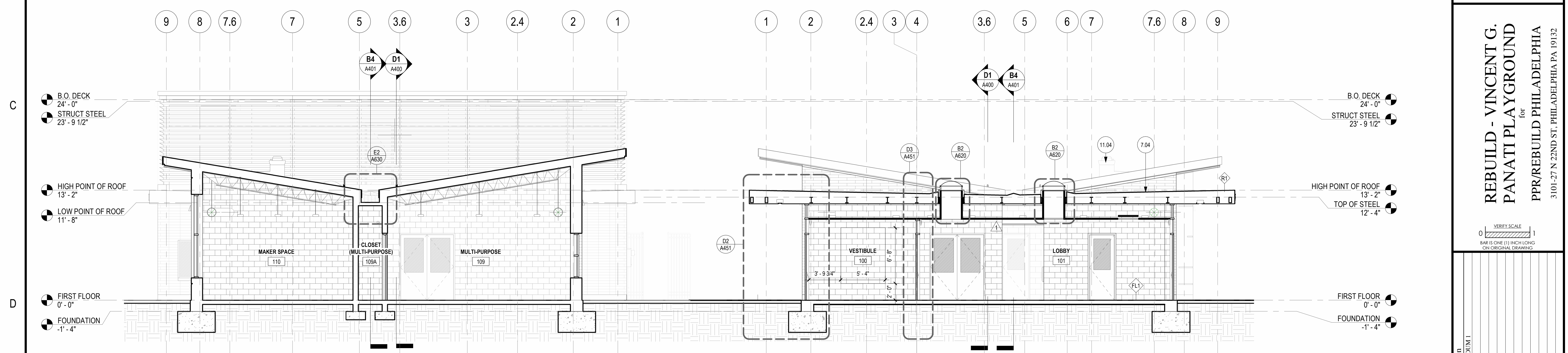
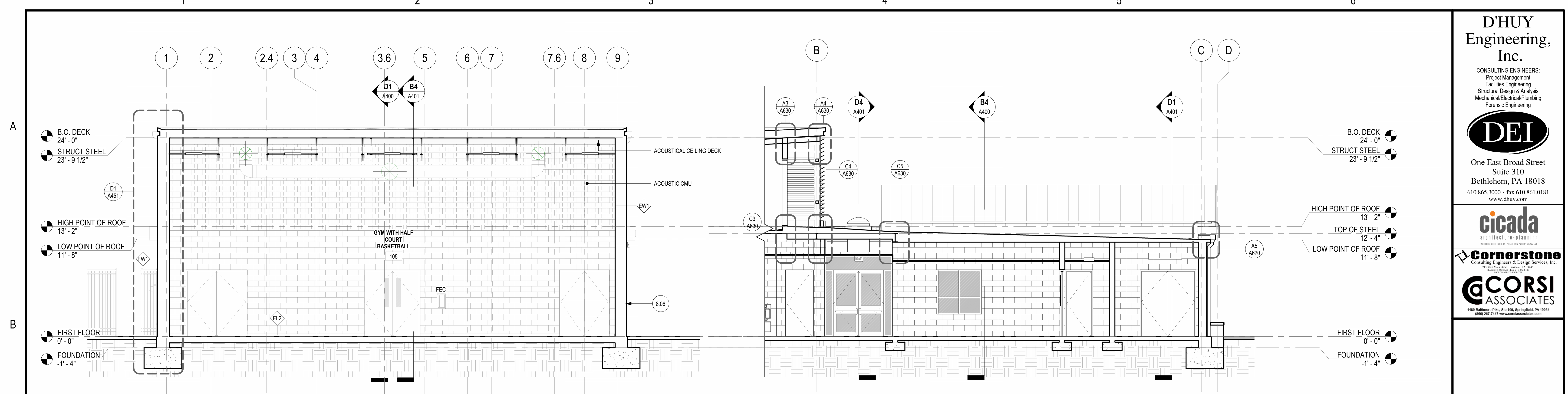
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BUILDING SECTIONS

Sheet No.
A400

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KEYNOTE LEGEND	
KEY	DESCRIPTION
7.04	MEMBRANE ROOF
8.06	ALUMINUM STOREFRONT WINDOW SYSTEM W/ SECURITY SCREEN
11.04	KITCHEN HOOD EXHAUST FAN - SEE MEP & F.S. DWGS

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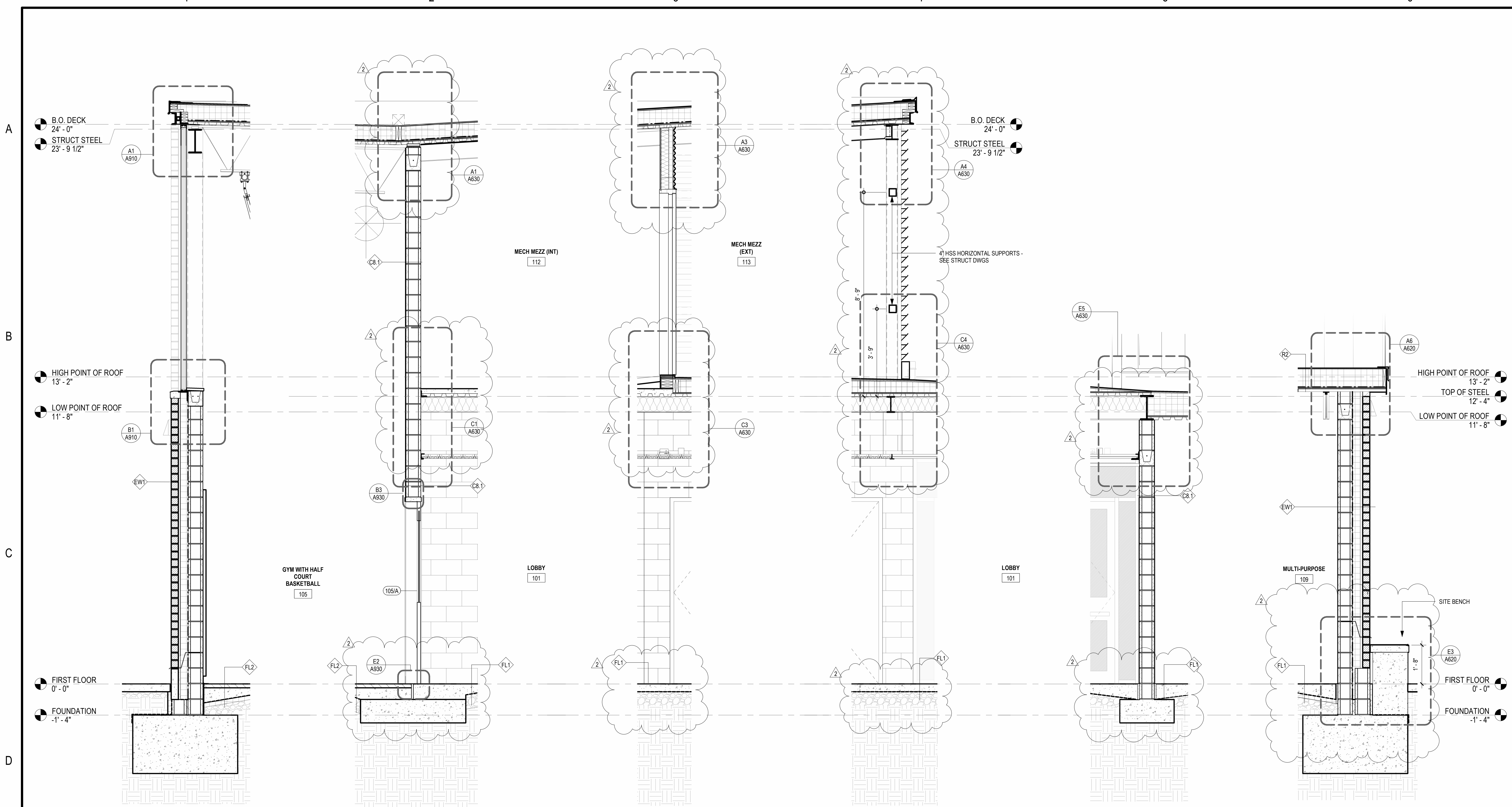
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1	02/15/2024		BHP ADDENDUM 1

Date: 02/09/2024
 Scale: 3/16" = 1'-0"
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BUILDING SECTIONS

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A401

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D1 WALL SECTION 6
1/2" = 1'-0"

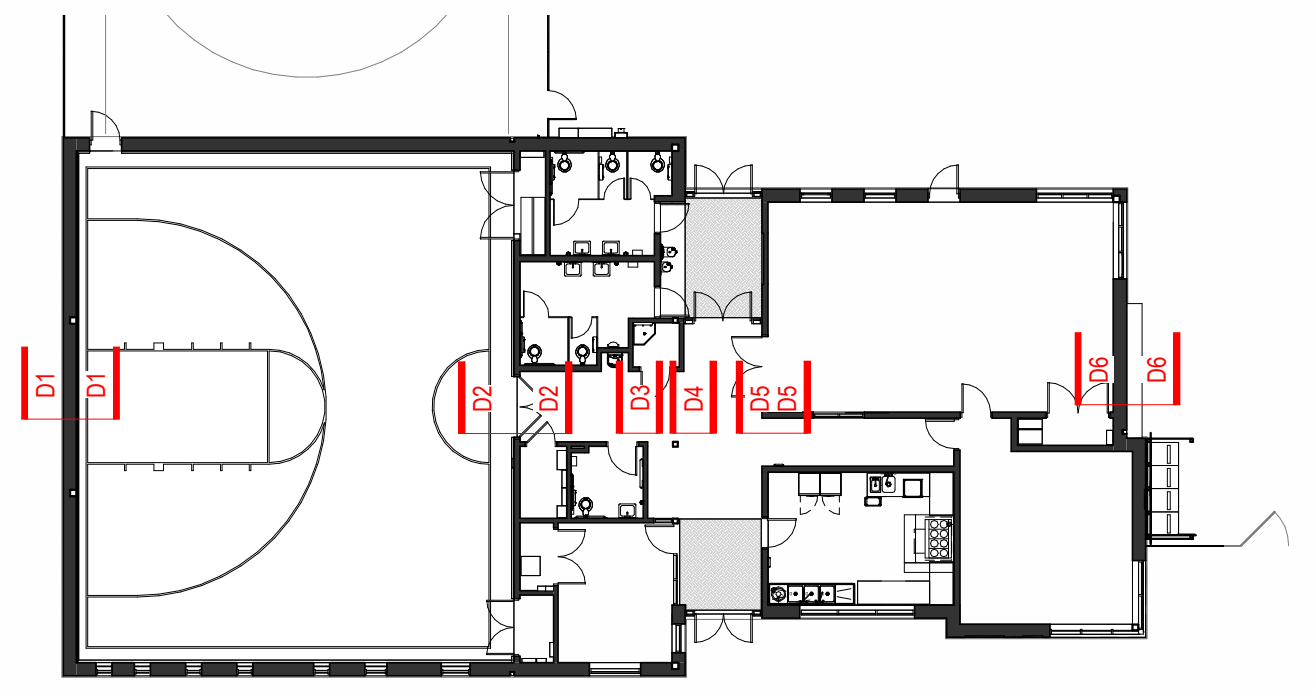
D2 WALL SECTION 5
1/2" = 1'-0"

D3 WALL SECTION 4
1/2" = 1'-0"

D4 WALL SECTION 3
1/2" = 1'-0"

D5 WALL SECTION 2
1/2" = 1'-0"

D6 WALL SECTION 1
1/2" = 1'-0"



E3 KEY PLAN
1" = 20'-0"

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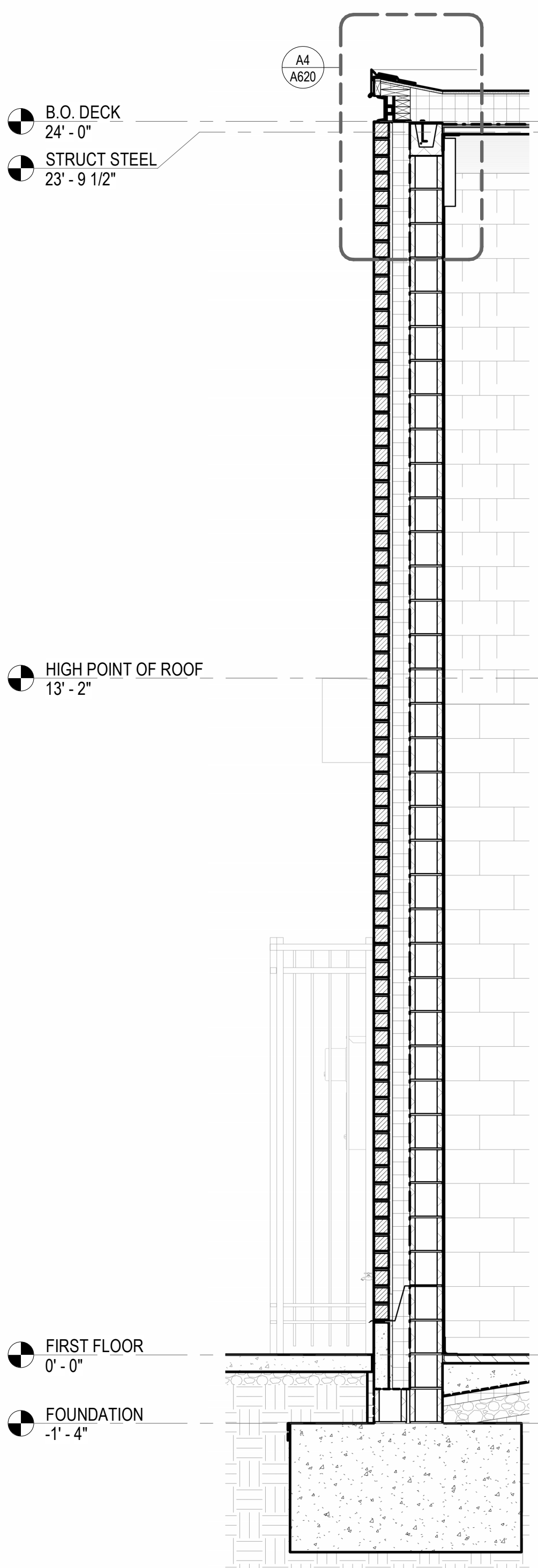
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WALL SECTIONS

Sheet No.
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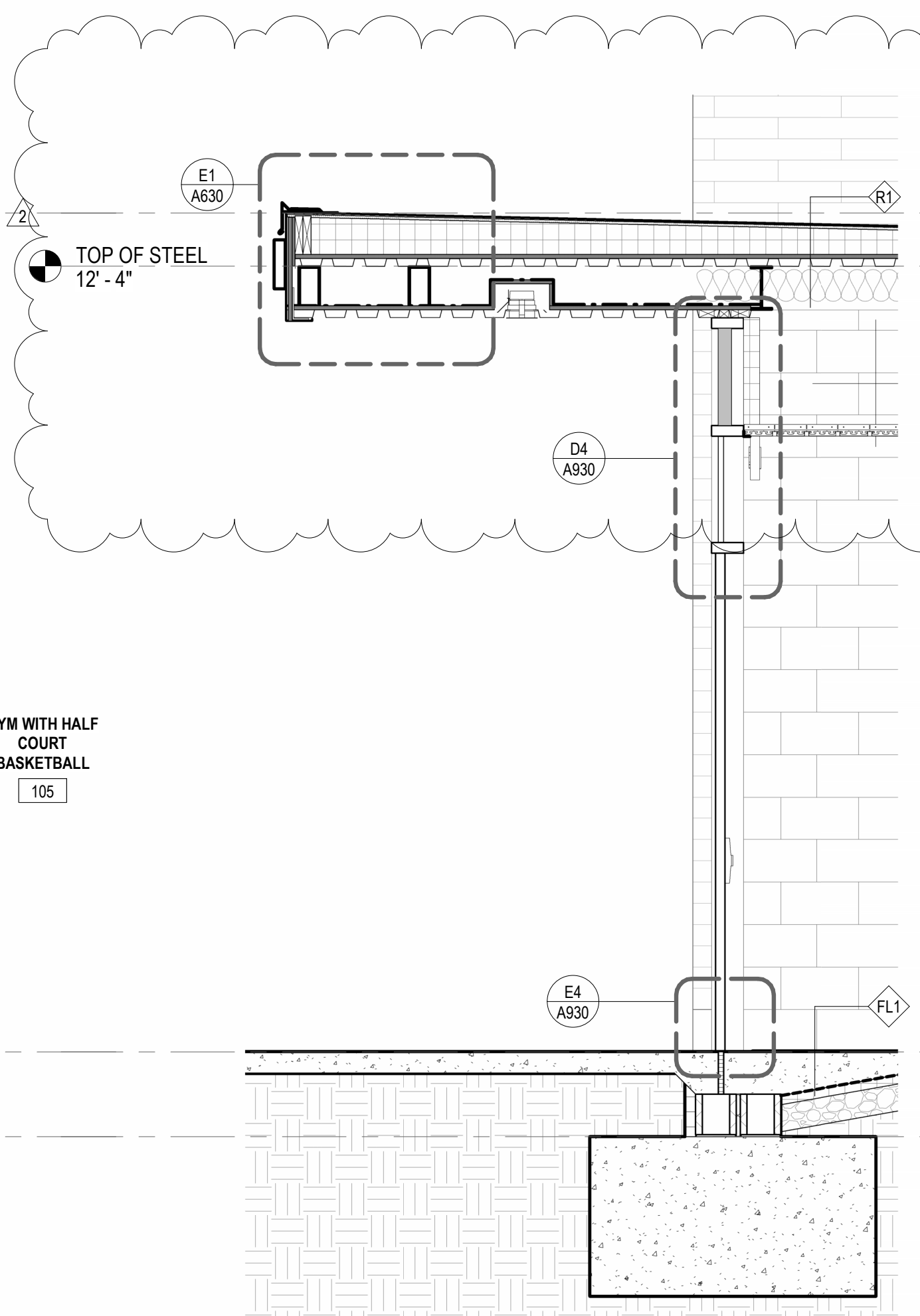
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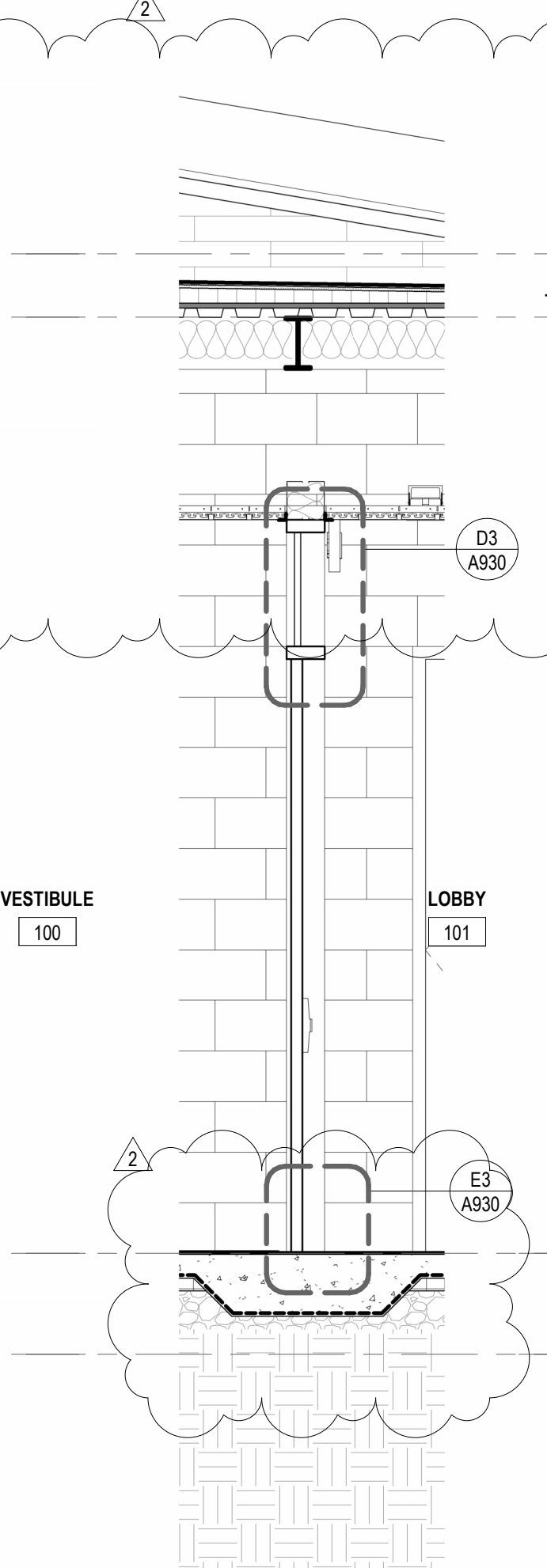
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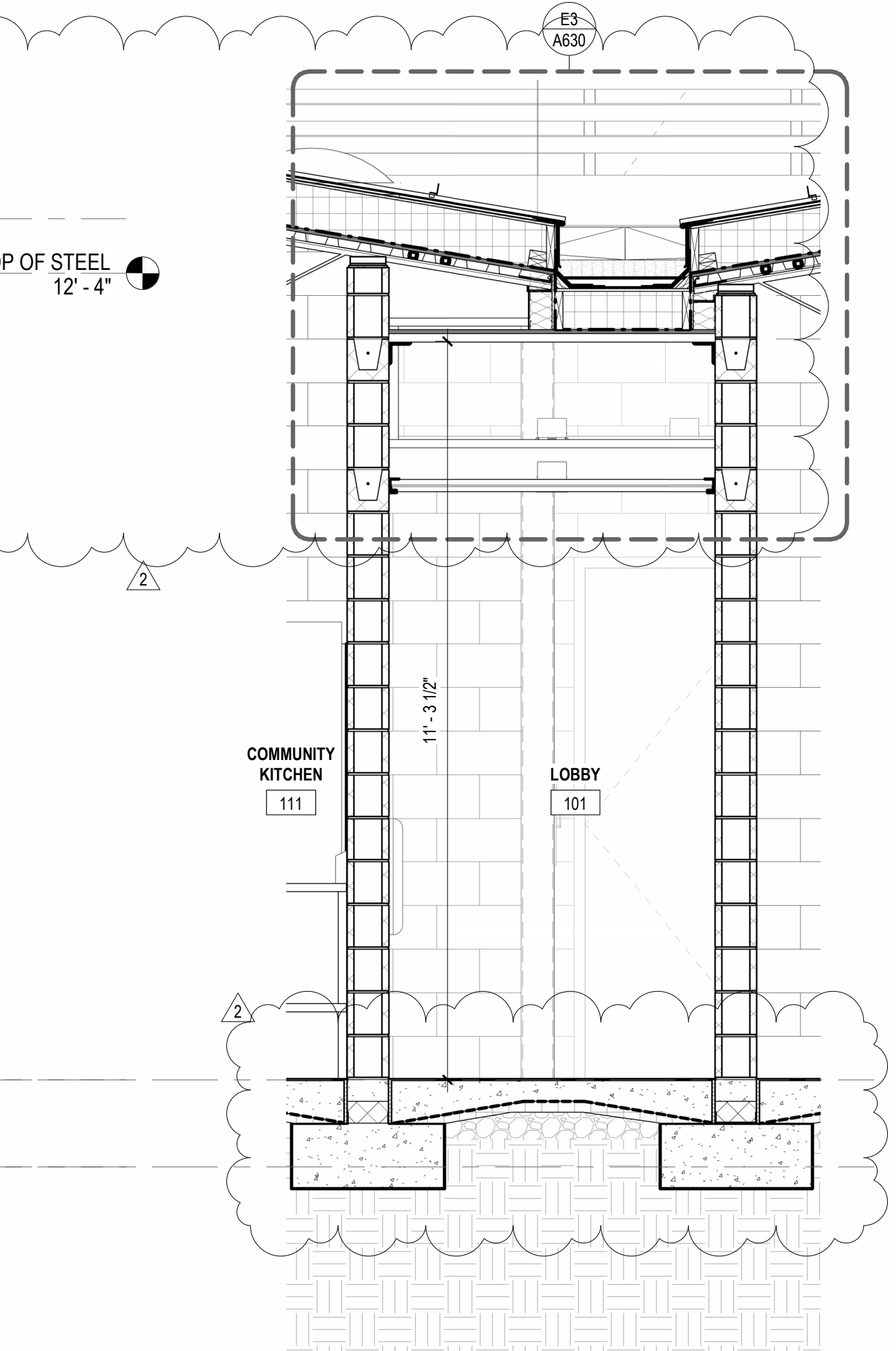
D1 WALL SECTION 11
1/2" = 1'-0"



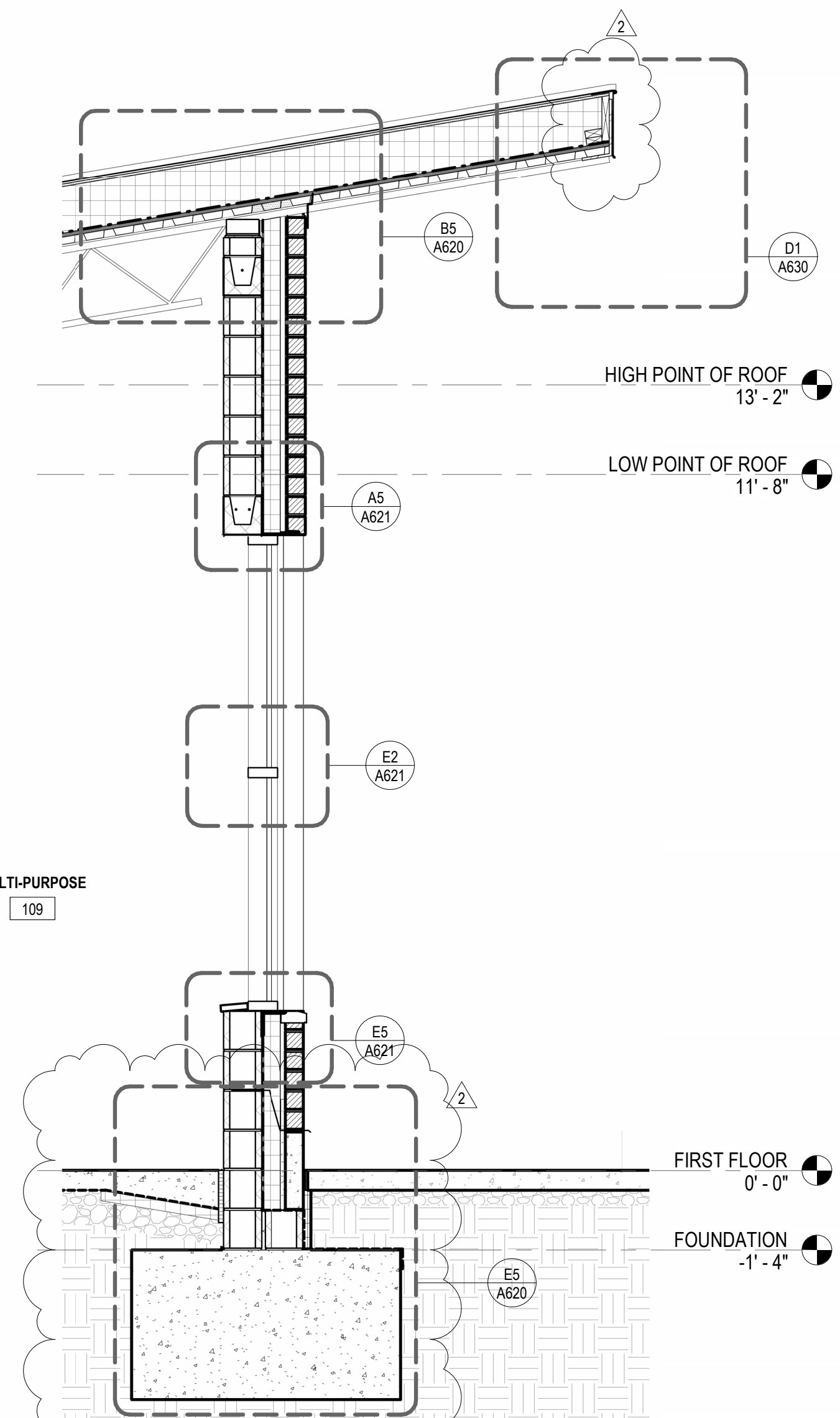
D2 WALL SECTION 10
1/2" = 1'-0"



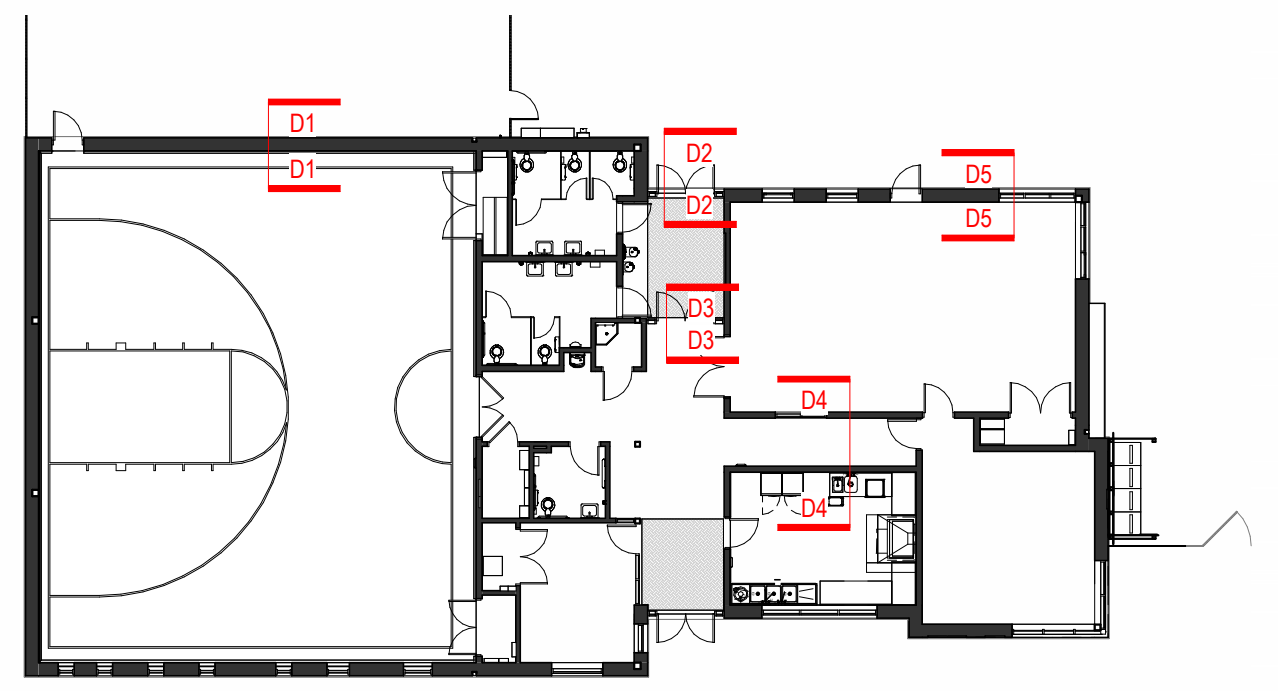
D3 WALL SECTION 9
1/2" = 1'-0"



D4 WALL SECTION 8
1/2" = 1'-0"



D5 WALL SECTION 7
1/2" = 1'-0"



E3 KEY PLAN
1" = 20'-0"

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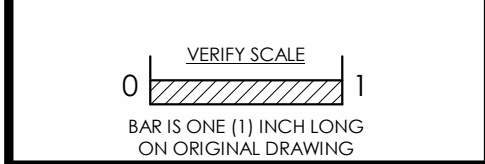
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Sheet Title:
WALL SECTIONS

Sheet No.
A451

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