

ABBREVIATIONS

| | | | |
|------------|---|----------|---------------------------|
| AB | ANCHOR BOLT | IN | INCHES |
| AC | AIR CONDITIONING | INCAND | INCANDESCENT |
| ACOUS | ACOUSTICAL | INSUL | INSULATION |
| ACOUS PNL | ACOUSTICAL PANEL | JC | JANITOR'S CLOSET |
| ACOUS TILE | ACOUSTICAL TILE | JST | JOIST |
| AD | AREA DRAIN | JT | JOINT |
| ADC | AUTOMATIC DOOR CLOSER | KPL | KICK PLATE |
| ADDL | ADDITIONAL | LBS | POUNDS |
| ADH | ADHESIVE | LD BRG | LOAD BEARING |
| ADJ | ADJUSTABLE | LF | LINEAR FOOT |
| AFF | ABOVE FINISHED FLOOR | LH | LEFT HAND |
| AFG | ABOVE FINISHED GRADE | LHR | LEFT HAND REVERSE |
| AFS | ABOVE FINISHED SLAB | LIN | LINEAR |
| AHU | AIR HANDLING UNIT | LTG | LIGHTING |
| AL | ALUMINUM | LVR | LOUVER |
| ALT | ALTERNATE, ALTERNATIVE | MAINT | MAINTENANCE |
| ALT NO | ALTERNATE NUMBER | MAS | MASONRY |
| ANOD | ANODIZED | MAX | MAXIMUM |
| AP | ACCESS PANEL | MECH | MECHANICAL |
| APPROX | APPROXIMATE | MEMB | MEMBRANE |
| ARCH | ARCHITECTURAL | MFG | MANUFACTURER |
| BETW | BETWEEN | MH | MANHOLE |
| BF | BARRIER FREE | MHGT | MOUNTING HEIGHT |
| BLDG | BUILDING | MIN | MINIMUM |
| BOT | BOTTOM | MISC | MISCELLANEOUS |
| BRG | BEARING | MJ | MOVEMENT JOINT |
| BRKT | BRACKET | MO | MASONRY OPENING |
| BS | BOTH SIDES | MTG | MOUNTING |
| BSMT | BASEMENT | N | NORTH |
| BW | BOTH WAYS | NA | NOT APPLICABLE |
| | | NIC | NOT IN CONTRACT |
| | | NO | NUMBER |
| C/C | CENTER TO CENTER | NOM | NOMINAL |
| CAB | CABINET | NTS | NOT TO SCALE |
| CB | CATCH BASIN | OVDH | OVERHEAD |
| CFLG | COUNTER FLASHING | OC | ON CENTER |
| CFM | CUBIC FEET PER MINUTE | OD | OUTSIDE DIAMETER |
| CI | CAST IRON | OPP | OPPOSITE |
| CJ | CONTROL JOINT | OVDH | OVERHEAD |
| CL | CENTER LINE | PBD | PARTICLEBOARD |
| CLG | CEILING | PERP | PERPENDICULAR |
| CLR | CLEAR | PERF | PERFORATED |
| CMU | CONCRETE MASONRY UNIT | PL | PLATE |
| CONST JT | CONSTRUCTION JOINT | PLBG | PLUMBING |
| COL | COLUMN | PLYWD | PLYWOOD |
| CONC | CONCRETE | PNL | PANEL |
| CONST | CONSTRUCTION | PNT | PAINT |
| CONT | CONTINUOUS | PR | PAIR |
| CUH | CABINET UNIT HEATER | PSF | POUNDS PER SQUARE FOOT |
| DBL | DOUBLE | PSI | POUNDS PER SQUARE INCH |
| DCL | DOOR CLOSURE | PTN | PARTITION |
| DEPT | DEPARTMENT | PTWD | PRESERVATIVE TREATED WOOD |
| DET | DETAIL | PVC | POLYVINYL CHLORIDE |
| DF | DRINKING FOUNTAIN | RAD | RADIUS |
| DH | DOUBLE HUNG | RECPT | RECEPTACLE |
| DIAM | DIAMETER | RD | ROOF DRAIN |
| DIAG | DIAGONAL | REBAR | REINFORCING BAR |
| DIM | DIMENSION | REF | REFERENCE |
| DLV | DOOR LOUVER | REV | REVISE/REVISION |
| DMPF | DAMP PROOFING | RH | RIGHT HAND |
| DN | DOWN | RHR | RIGHT HAND REVERSE |
| DR | DOOR | RM | ROOM |
| DWG | DRAWING | RND | ROUND |
| EA | EACH | RO | ROUGH OPENING |
| EF | EACH FACE | ROW | RIGHT OF WAY |
| EIFS | EXTERIOR INSULATION & FINISH SYSTEM | RV | ROOF VENT |
| EJ | EXPANSION JOINT | SAN | SANITARY |
| EL | ELEVATION | SB | SPLASH BLOCK |
| ELEC | ELECTRIC/ELECTRICAL | SCHED | SCHEDULED |
| EPDM | ETHYLENE PROPYLENE DIENE MONOMER | SCJ | SLAB CONTROL JOINT |
| EQ | EQUAL | SECT | SECTION |
| EQUIP | EQUIPMENT | SHT | SHEET |
| EQUIV | EQUIVALENT | SHHG | SHEATHING |
| ESMT | EASEMENT | SIM | SIMILAR |
| EW | EACH WAY | SPEC | SPECIFICATION |
| EWC | ELECTRIC WATER COOLER | SPKLR | SPRINKLER |
| EXC | EXCAVATION | SPKR | SPEAKER |
| EXH | EXHAUST | SQ | SQUARE |
| EXST | EXISTING | SQ FT | SQUARE FOOT |
| EXP | EXPANSION | SQ IN | SQUARE INCH |
| EXP BT | EXPANSION BOLT | SQ YD | SQUARE YARD |
| EXP JT | EXPANSION JOINT | STD | STANDARD |
| EXT | EXTERIOR | STL | STEEL |
| FD | FLOOR DRAIN | STL JST | STEEL JOIST |
| FDN | FOUNDATION | STL PL | STEEL PLATE |
| FE | FIRE EXTINGUISHER | STOR | STORAGE |
| FEC | FIRE EXTINGUISHER CABINET | STRUCT | STRUCTURAL/STRUCTURE |
| FF | FINISH FACE | SUSP | SUSPENDED |
| FLR | FLOOR | SUSP CLG | SUSPENDED CEILING |
| FLUOR | FLUORESCENT | T&B | TOP AND BOTTOM |
| FOC | FACE OF CONCRETE | TC | TOP OF CONCRETE |
| FOF | FACE OF FINISH | THRES | THRESHOLD |
| FOG | FACE OF GLASS | TJ | TOP OF JOIST |
| FOM | FACE OF MASONRY | TSL | TOP OF SLAB |
| FT | FOOT/FEET | TST | TOP OF STEEL |
| FTG | FOOTING | TYP | TYPICAL |
| FURN | FURNITURE | UC | UNDERCUT |
| FXTR | FIXTURE | UF | UNDER FLOOR |
| GA | GAUGE | UGND | UNDERGROUND |
| GALV | GALVANIZED | UH | UNIT HEATER |
| GRL | GRILLE | UON | UNLESS OTHERWISE NOTED |
| GWB | GYPSUM WALLBOARD | UTIL | UTILITY |
| HB | HOSE BIB | UV | UNIT VENTILATOR |
| HC | HOLLOW CORE | VB | VINYL BASE |
| HD | HEAD | VCT | VINYL COMPOSITION TILE |
| HDR | HEADER | VR | VAPOR RETARDER |
| HGT | HEIGHT | VENT | VENTILATING |
| HM | HOLLOW METAL | VERT | VERTICAL |
| HP | HORSEPOWER | VEST | VESTIBULE |
| HPT | HIGH POINT | W | WIDE WIDTH |
| HR | HOUR | W/O | WITHOUT |
| HVAC | HEATING, VENTILATION, AIR CONDITIONING | WT | WEIGHT |
| | | WWF | WELDED WIRE FABRIC |

| |
|--|
| PROJECT SCHEDULE NOTES |
| BUILDING CONTRACTOR SHALL NOT HAVE ACCESS TO THE SITE PRIOR TO SITE GRADING / UTILITY COMPLETED DATE OF AUGUST 29, 2014. |
| BUILDING CONTRACTOR CAN UTILIZE PRIOR TIME FOR SUBMITTAL REVIEW, PRE-CONSTRUCTION MEETINGS, PLANNING, PERMITTING, ETC. |
| PROJECT SITE NOTES |
| SITE GRADING AND UTILITY BID PACKAGE UNDER CITY OF MADISON CONTRACT NO. 7319 |
| REFER TO SITE DRAWING C301 FOR ANTICIPATED ROUGH GRADE LAYOUT TO BE INSTALLED AS PART OF GRADING AND UTILITY CONTRACT PRIOR TO SCOPE OF WORK WITHIN THESE DOCUMENTS. |
| UTILITY WORK PERFORMED BY THE CITY OF MADISON DESIGNATED WITHIN THESE DOCUMENTS TO BE COORDINATED BY THE GENERAL CONTRACTOR. |

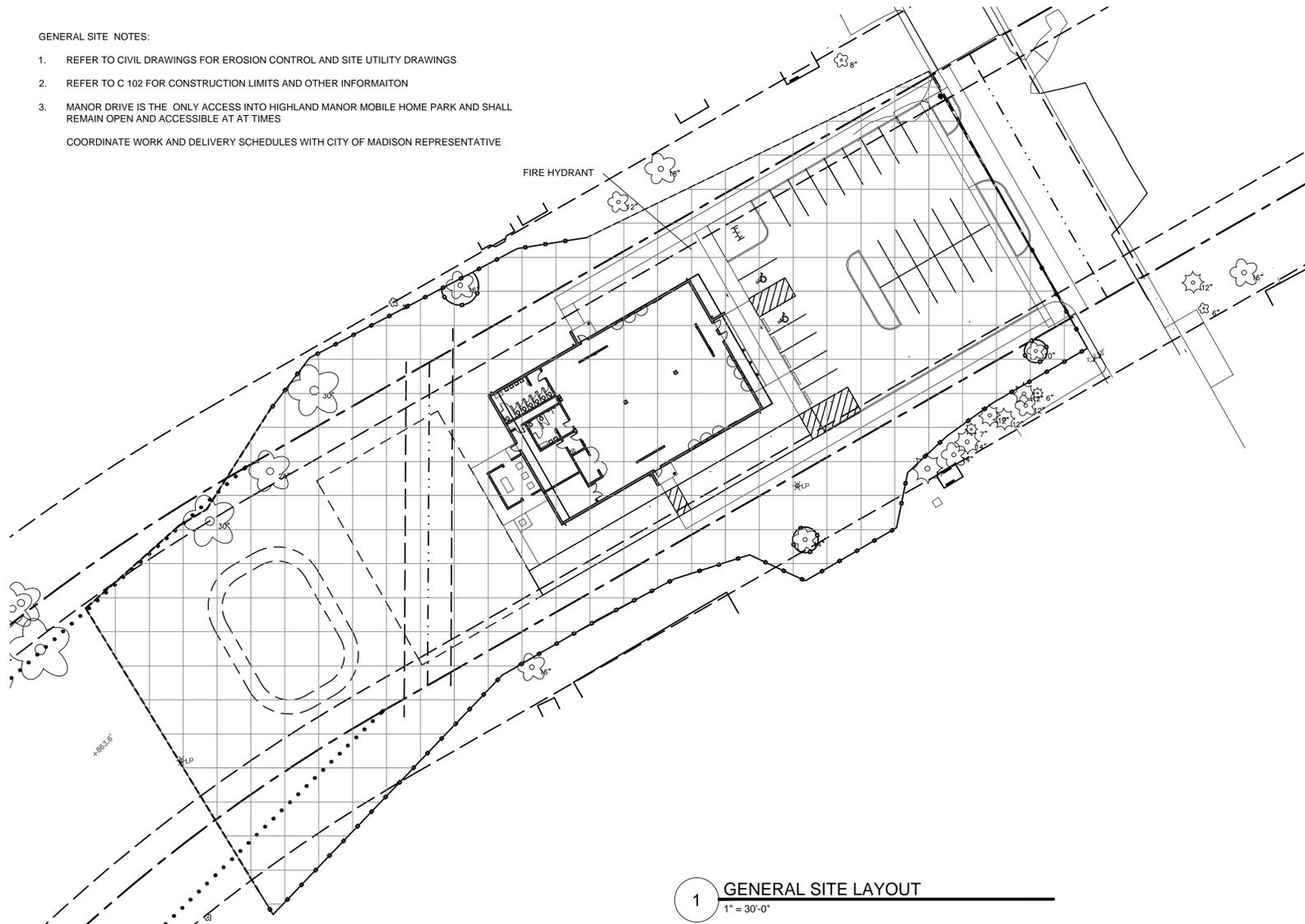
GENERAL NOTES:

- REFER TO ALL DRAWINGS INCLUDING ALL OTHER TRADES FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.
- WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- FINISH FLOOR ELEVATION IS 100'-0" TO TOP OF CONCRETE, UNLESS OTHERWISE INDICATED.
- CONTRACTOR SHALL PROVIDE STIFFENERS, BRACINGS, BACKING PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT.
- ALL RECESSED CABINETS, PANELS, BOXES, ETC. LOCATED IN FIRE-RATED PARTITIONS SHALL BE INSTALLED IN A MANNER WHICH MAINTAINS THE FIRE-RATED CONSTRUCTION.
- GC SHALL COORDINATE ALL PLUMBING, HVAC AND ELECTRICAL FLOOR, ROOF, AND WALL SLEEVES AND ALL MECHANICAL SHAFTS WITH ALL OTHER TRADES DRAWINGS.
- REFER TO PLUMBING, HVAC AND ELECTRICAL CONTRACTORS DRAWINGS AND MANUFACTURERS TEMPLATE DRAWINGS FOR ALL MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTS, BOLT SETTING TEMPLATES, ISOLATIONS, SPRING ISOLATION, ETC..
- ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CONTRACTORS SHALL CAREFULLY STUDY AND COMPARE ALL DRAWINGS DURING THE BIDDING PERIOD ANY BEFORE INSTALLATION OF THEIR WORK. ANY INCONSISTENCIES IN THE DRAWINGS SHALL BE REPORTED PROMPTLY TO THE ARCHITECT FOR CLARIFICATION. FOR GRAPHIC CLARITY CERTAIN DETAILS MAY NOT DEPICT ALL REQUIRED WORK BY OTHER DISCIPLINES.
- DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE PROJECT SITE PRIOR TO THE START OF CONSTRUCTION. ANY INCONSISTENCIES DISCOVERED BY THE CONTRACTOR SHALL BE REPORTED PROMPTLY TO THE ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK.
- CONSTRUCTION STORAGE AND STAGING IS LIMITED TO CONSTRUCTION LIMIT.
- COORDINATE STAGING FENCING WITH CITY/PARKS REPRESENTATIVE..
- CONTRACTOR PARKING LIMITED TO CONSTRUCTION LIMITS.
- AREAS WITH LIMITED ACCESS, THE ACCESS SHALL BE COORDINATED WITH CONSTRUCTION MANAGER IN A MANNER TO MAINTAIN SAFE OCCUPANCY OF BUILDING.
- MAINTAIN ACCESS TO MANOR DRIVE AT ALL TIMES. COORDINATE DELIVERIES WITH CITY/PARKS REPRESENTATIVE.
- CONTRACTOR TO PROVIDE AND MAINTAIN TEMPORARY TOILET FACILITIES FOR CONTRACTOR USE. COORDINATE LOCATIONS WITH CITY/PARKS REPRESENTATIVE.
- COORDINATE LOCATION OF GARBAGE RECEPTACLES AND CONTRACTOR WASTE AREA WITH CITY/PARKS REPRESENTATIVE.

| | | | | |
|--|--|---|--|------------------------|
| BUILDING CODE SUMMARY DESIGN CODE TO IBC 2009 EDITION | | | | |
| REF SECTION | GENERAL INFORMATION | | | |
| | AREA FIRST FLOOR | 6,400 GSF | | |
| TABLE 503 | ALLOWABLE AREA - II B CONSTRUCTION = 9,500 GSF/FLOOR ALLOWABLE HEIGHT - II B CONSTRUCTION = 2 STORIES | | | |
| | NO. OF STORIES: BUILDING HEIGHT: | 1 STORY 15'-0" | | |
| TABLE 601 | CONSTRUCTION TYPE: OCCUPANCY: | TYPE II B A-3 ASSEMBLY | | |
| | FIRE RESISTANCE: | 0 HOURS STRUCTURAL FRAMES 0 HOURS BEARING WALLS 0 HOURS ROOF CONSTRUCTION | | |
| 713.4.1 | FIRE PROTECTION: | FULLY SPRINKLERED AND FIRE ALARM SYSTEM | | |
| BUILDING OCCUPANCY SUMMARY | | | | |
| TABLE 1004.1.1 | ASSEMBLY WITH OUT FIXED SEATS - COMMUNITY ROOM | 4170 SF | 5 SF PER OCC. 4170 SF / 15 = 834 OCCUPANTS | |
| BUILDING EXIT WIDTH SUMMARY | | | | |
| BUILDING EQUIPPED WITH SPRINKLER SYSTEM | | | | |
| TABLE 1005.1 | OCCUPANTS | EGRESS WIDTH COMPONENTS | REQUIRED EXIT WIDTH PROVIDED EXIT WIDTH | |
| | 834 OCCUPANTS | 0.15 INCHES/OCCUPANT | 126 INCHES 144 INCHES | |
| SANITARY FIXTURE SUMMARY AT ADDITION AND RENOVATION: | | | | |
| TABLE 2902.1 | REQUIRED | A-3 ASSEMBLY - AUDITORIUMS WITHOUT PERMANENT SEATING | | |
| | SAFEROOM 278 OCCUPANTS | WATER CLOSETS REQUIRED MALE / FEMALE | LAVATORIES REQUIRED MALE / FEMALE | SHOWERS OR BATHTUBS |
| | 417 MALE | 1 PER 125 = 4 WC | 1 PER 200 = 3 LAV | NOT REQUIRED |
| | 417 FEMALE | 1 PER 65 = 7 WC | 1 PER 200 = 3 LAV | 1 PER 500 = 2 |
| | | | | 1 SINK |
| TABLE 702.2 ICC 500 - 2008 | REQUIRED | TORNADO SHELTERS - COMMUNITY | | |
| | SAFEROOM 806 OCCUPANTS | 2 MINIMUM and 1 PER 500 OCC = 4 | 1 PER 1000 = 1 | NOT REQUIRED |
| * IFC SECTION 419 - 419.2 SUBSTITUTION FOR WATER CLOSETS. URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 50 PERCENT OF THE REQUIRED WATER CLOSETS FOR ALL OTHER OCCUPANCIES. | | | | |

GENERAL SITE NOTES:

- REFER TO CIVIL DRAWINGS FOR EROSION CONTROL AND SITE UTILITY DRAWINGS
 - REFER TO C 102 FOR CONSTRUCTION LIMITS AND OTHER INFORMATION
 - MANOR DRIVE IS THE ONLY ACCESS INTO HIGHLAND MANOR MOBILE HOME PARK AND SHALL REMAIN OPEN AND ACCESSIBLE AT ALL TIMES
- COORDINATE WORK AND DELIVERY SCHEDULES WITH CITY OF MADISON REPRESENTATIVE



1 GENERAL SITE LAYOUT
1" = 30'-0"

assemblage ARCHITECTS

7427 Elmwood Avenue
Middleton, WI 53562
T 608.827.5047
F 608.827.6960

HIGHLAND MANOR COMMUNITY SAFE ROOM
CITY OF MADISON - CONTRACT NO. 7104
10 MANOR DRIVE
MADISON, WISCONSIN

PROJECT

SHEET NAME



CITY OF MADISON
Contract: 7343

| | |
|--------------|---------------|
| REVISION | DATE |
| | |
| | |
| | |
| | |
| | |
| PROJECT NO | 1307 |
| SET TYPE | BID DOCUMENTS |
| DATE | 05-30-2014 |
| SHEET NUMBER | T002 |

EROSION CONTROL:

EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED AS SHOWN ON THIS PLAN AND AS SPECIFIED IN THE EROSION CONTROL PLAN.

2. THE SITE GRADING CONTRACTOR SHALL:

- ATTEND A PRE-CONSTRUCTION MEETING REGARDING EROSION CONTROL.
- SUBMIT AN EROSION CONTROL IMPLEMENTATION PLAN (ECIP) TO THE DESIGNATED CITY'S REPRESENTATIVE.
- INSTALL EROSION CONTROL MEASURES INCLUDING FENCING, TREE PROTECTION, AND SIMILAR ITEMS.
- REPORT WEEKEND RAIN EVENTS TO THE DESIGNATED CITY'S REPRESENTATIVE WHEN 1/2" OR MORE OF RAIN OCCURS ON FRIDAYS OR SATURDAYS.

EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED AS SHOWN ON THIS PLAN AND AS SPECIFIED IN THE EROSION CONTROL PLAN.

- SUBMIT AN EROSION CONTROL IMPLEMENTATION PLAN (ECIP) TO THE DESIGNATED CITY'S REPRESENTATIVE.
- MAY UTILIZE PRIOR INSTALLED EROSION CONTROL MEASURES INSTALLED BY THE SITE GRADING CONTRACTOR AS PART OF ECIP.
- MAINTAIN EXISTING EROSION CONTROL MEASURES. INSTALL NEW EROSION CONTROL INCLUDING FENCING, TREE PROTECTION AND SIMILAR ITEMS AS NEEDED.
- REPORT WEEKEND RAIN EVENTS TO THE DESIGNATED CITY'S REPRESENTATIVE WHEN 1/2" OR MORE OF RAIN OCCURS ON FRIDAYS OR SATURDAYS.
- REMOVE EROSION CONTROL MEASURES INCLUDING FENCING AND TREE PROTECTION AT THE END OF CONSTRUCTION.
- SEED AREAS DISTURBED BY REMOVAL OF EROSION CONTROL MEASURES PER CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND PER THE EROSION CONTROL PLAN.

assemblage ARCHITECTS

7427 Elmwood Avenue
Middleton, WI 53562
T 608.827.5047
F 608.827.6960

HIGHLAND MANOR COMMUNITY SAFE ROOM
CITY OF MADISON - CONTRACT NO. 7343
10 MANOR DRIVE
MADISON, WISCONSIN

ARCHITECTURAL SITE PLAN

PROJECT

SHEET NAME



CITY OF MADISON
Contract: 7343

REVISION DATE

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

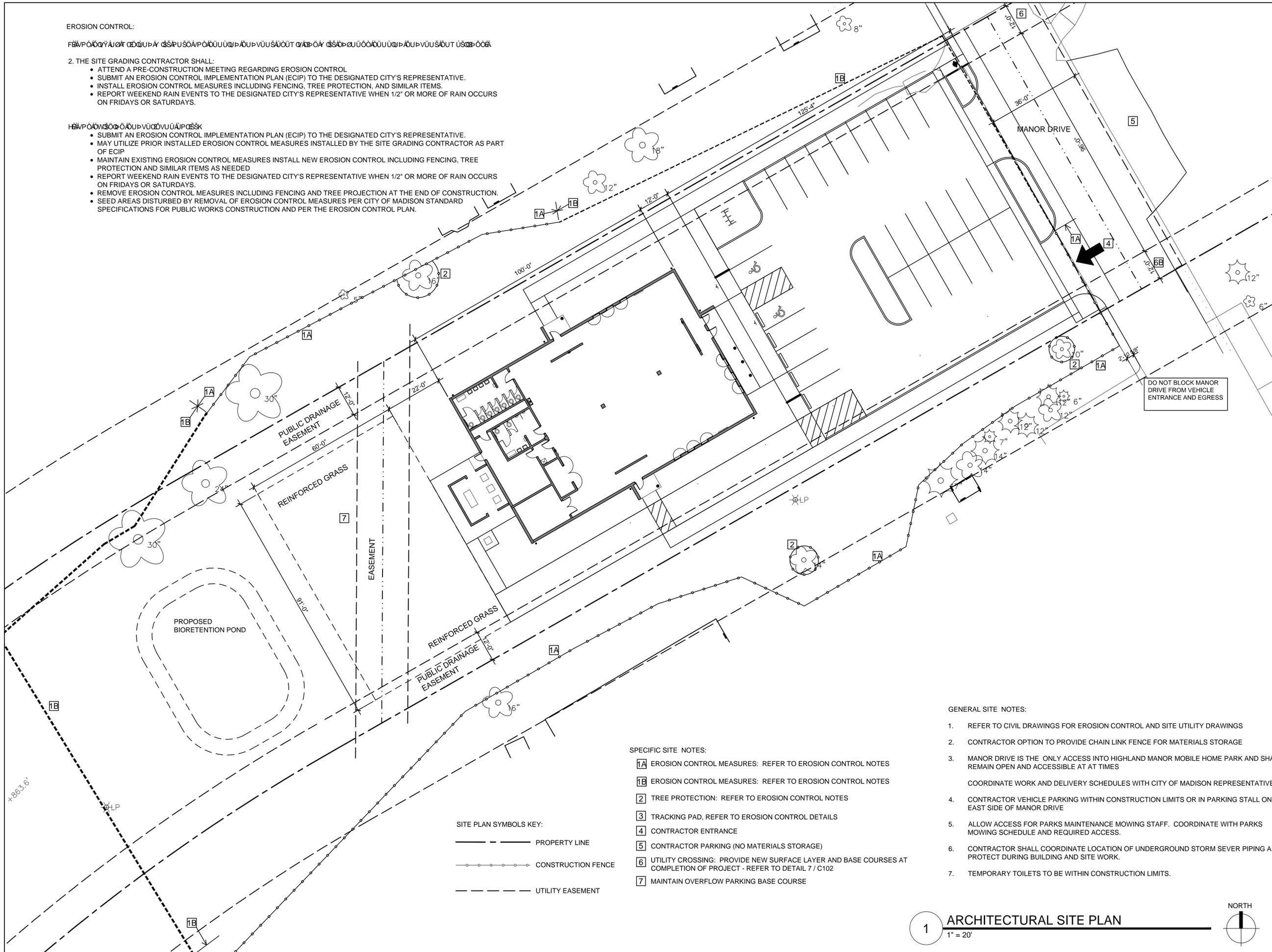
PROJECT NO 1307

SET TYPE BID DOCUMENTS

DATE 05-30-2014

SHEET NUMBER

C101



DO NOT BLOCK MANOR DRIVE FROM VEHICLE ENTRANCE AND EGRESS

SPECIFIC SITE NOTES:

- 1A EROSION CONTROL MEASURES: REFER TO EROSION CONTROL NOTES
- 1B EROSION CONTROL MEASURES: REFER TO EROSION CONTROL NOTES
- 2 TREE PROTECTION: REFER TO EROSION CONTROL NOTES
- 3 TRACKING PAD, REFER TO EROSION CONTROL DETAILS
- 4 CONTRACTOR ENTRANCE
- 5 CONTRACTOR PARKING (NO MATERIALS STORAGE)
- 6 UTILITY CROSSING: PROVIDE NEW SURFACE LAYER AND BASE COURSES AT COMPLETION OF PROJECT - REFER TO DETAIL 7 / C102
- 7 MAINTAIN OVERFLOW PARKING BASE COURSE

SITE PLAN SYMBOLS KEY:

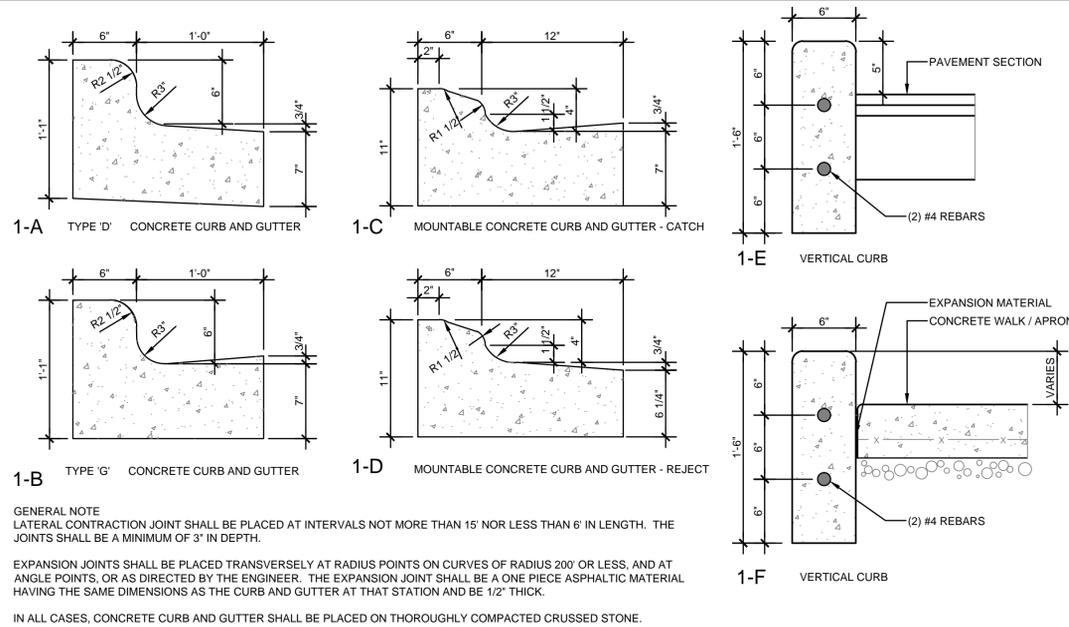
| | |
|--|--------------------|
| | PROPERTY LINE |
| | CONSTRUCTION FENCE |
| | UTILITY EASEMENT |

GENERAL SITE NOTES:

- REFER TO CIVIL DRAWINGS FOR EROSION CONTROL AND SITE UTILITY DRAWINGS
- CONTRACTOR OPTION TO PROVIDE CHAIN LINK FENCE FOR MATERIALS STORAGE
- MANOR DRIVE IS THE ONLY ACCESS INTO HIGHLAND MANOR MOBILE HOME PARK AND SHALL REMAIN OPEN AND ACCESSIBLE AT ALL TIMES
COORDINATE WORK AND DELIVERY SCHEDULES WITH CITY OF MADISON REPRESENTATIVE
- CONTRACTOR VEHICLE PARKING WITHIN CONSTRUCTION LIMITS OR IN PARKING STALL ON EAST SIDE OF MANOR DRIVE
- ALLOW ACCESS FOR PARKS MAINTENANCE MOWING STAFF. COORDINATE WITH PARKS MOWING SCHEDULE AND REQUIRED ACCESS.
- CONTRACTOR SHALL COORDINATE LOCATION OF UNDERGROUND STORM SEWER PIPING AND PROTECT DURING BUILDING AND SITE WORK.
- TEMPORARY TOILETS TO BE WITHIN CONSTRUCTION LIMITS.

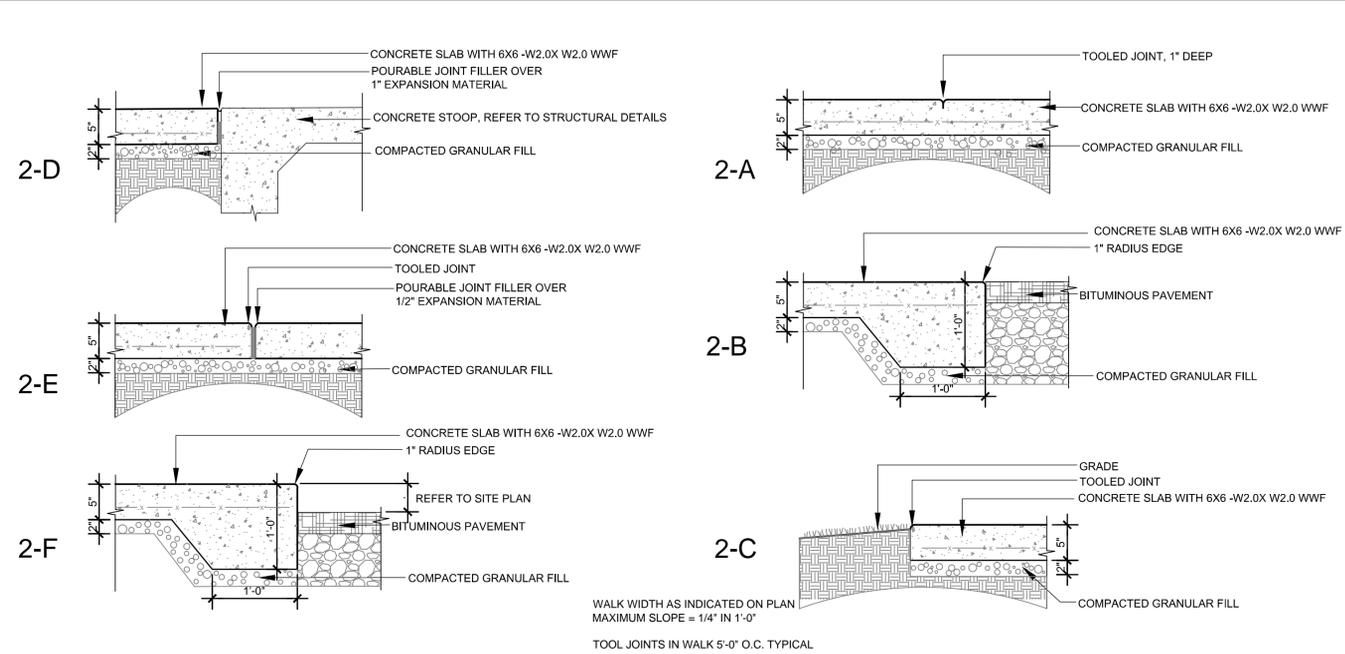
1 ARCHITECTURAL SITE PLAN
1" = 20'





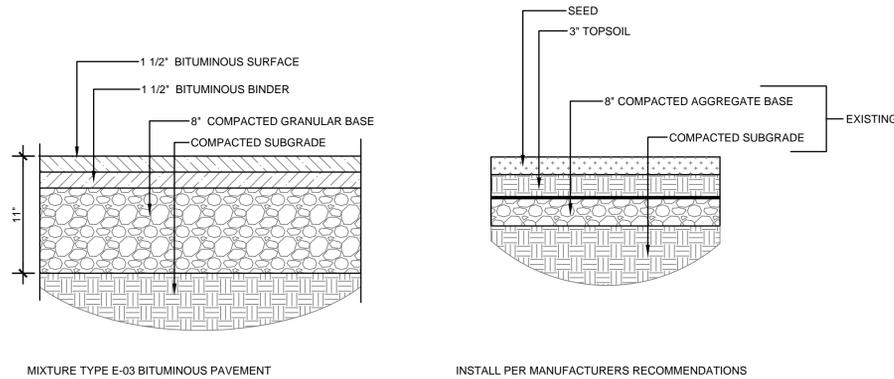
1 CURB DETAILS
1 1/2" = 1'-0"

GENERAL NOTE
LATERAL CONTRACTION JOINT SHALL BE PLACED AT INTERVALS NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH.
EXPANSION JOINTS SHALL BE PLACED TRANSVERSELY AT RADIUS POINTS ON CURVES OF RADIUS 200' OR LESS, AND AT ANGLE POINTS, OR AS DIRECTED BY THE ENGINEER. THE EXPANSION JOINT SHALL BE A ONE PIECE ASPHALTIC MATERIAL HAVING THE SAME DIMENSIONS AS THE CURB AND GUTTER AT THAT STATION AND BE 1/2" THICK.
IN ALL CASES, CONCRETE CURB AND GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSSED STONE.



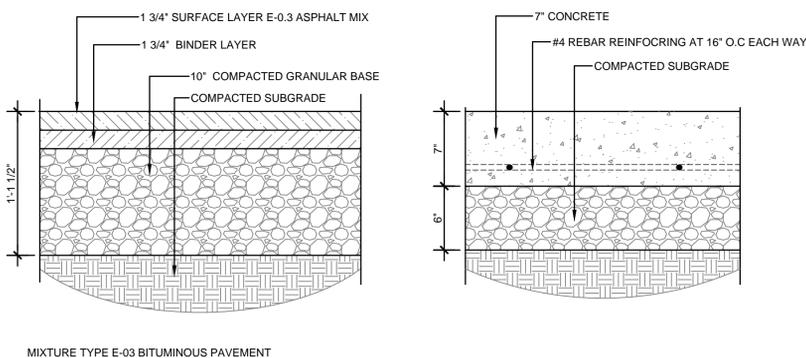
2 SIDEWALK DETAILS
1" = 1'-0"

WALK WIDTH AS INDICATED ON PLAN
MAXIMUM SLOPE = 1/4" IN 1'-0"
TOOL JOINTS IN WALK 5'-0" O.C. TYPICAL



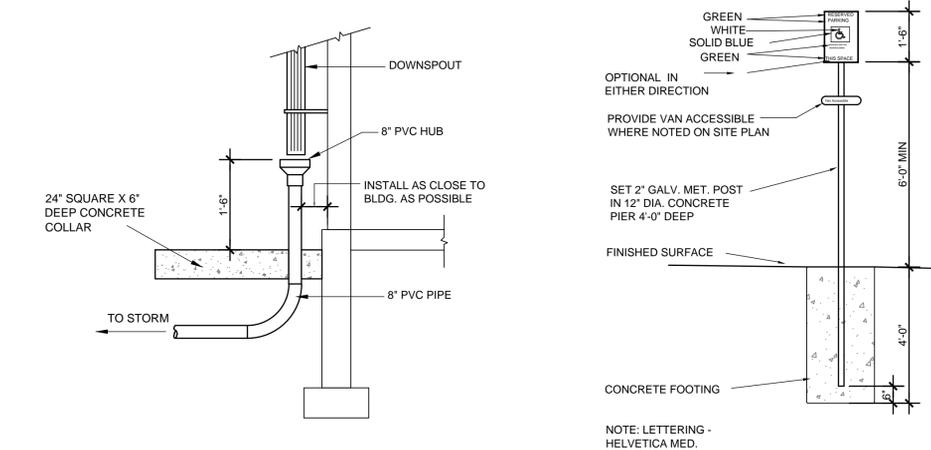
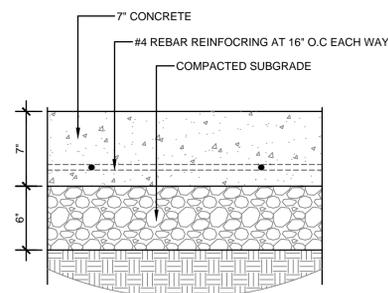
3 PARKING PAVEMENT SECTION
1 1/2" = 1'-0"

4 DETAIL - REINFORCED GRASS
1 1/2" = 1'-0"

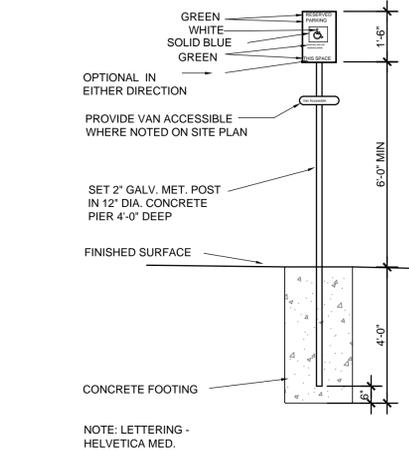


7 ROAD PAVEMENT SECTION
1 1/2" = 1'-0"

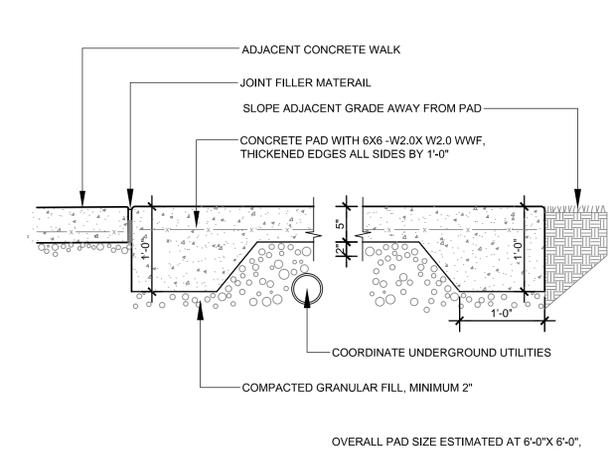
11 CONCRETE APRON SECTION
1 1/2" = 1'-0"



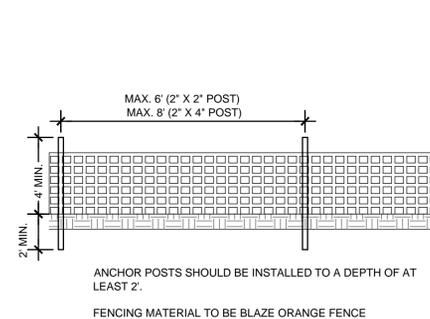
5 DETAIL - DOWNSPOUT TERMINATION
1" = 1'-0"



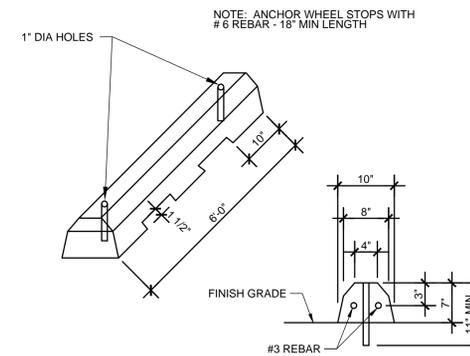
6 DETAIL - ACCESSIBLE SIGN
1" = 1'-0"



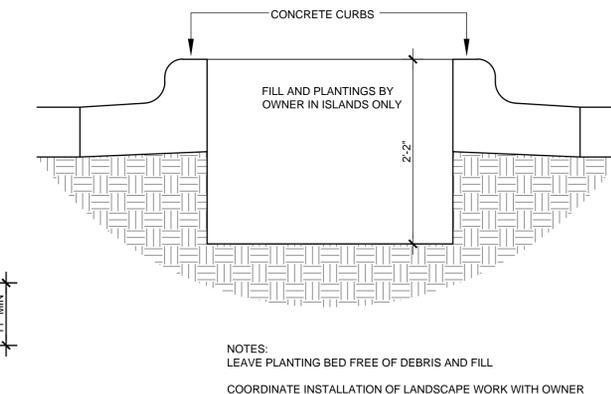
12 TRANSFORMER PAD DETAIL
1" = 1'-0"



8 TREE PROTECTION & CONSTRUCTION FENCE
1" = 1'-0"



9 CONCRETE WHEEL STOP
1" = 1'-0"



10 PLANTER BED
1" = 1'-0"

NOTES:
LEAVE PLANTING BED FREE OF DEBRIS AND FILL
COORDINATE INSTALLATION OF LANDSCAPE WORK WITH OWNER



| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

GENERAL PLAN NOTES

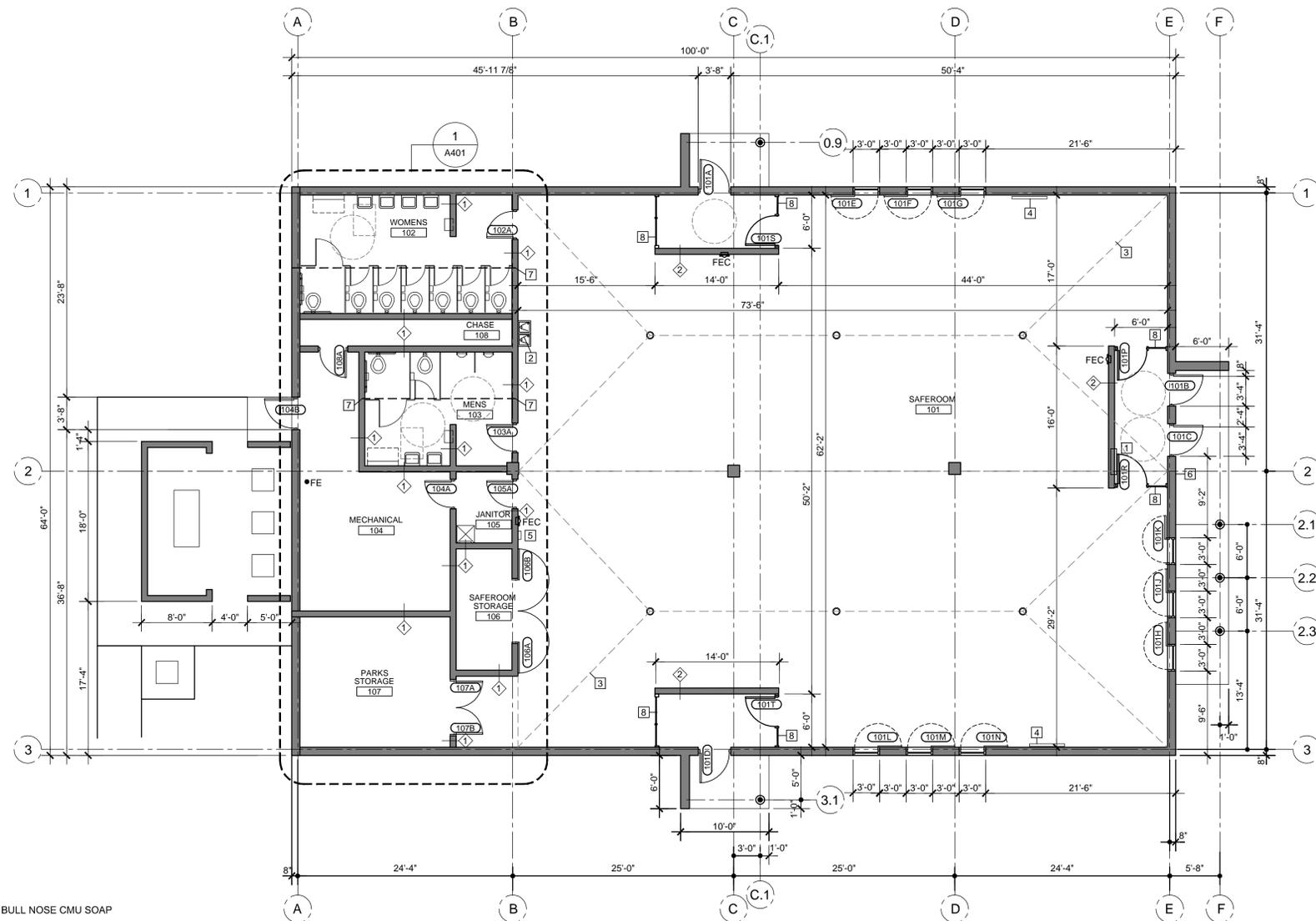
- REFER TO DRAWING T002 FOR GENERAL NOTES AND OTHER PROJECT INFORMATION.
- REFER TO ALL DRAWINGS INCLUDING ALL OTHER DISCIPLINES FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.
- GC SHALL COORDINATE MECHANICAL, ELECTRICAL, PLUMBING ROOF, WALL SLEEVE AND SHAFTS WITH OTHER TRADES AND DOCUMENTS.
- FIRST FLOOR ELEVATION IS ASSUMED AT 100'-0" IN THESE DRAWINGS
- DASHED LINE INDICATE SLAB SLOPE, REFER TO STRUCTURAL FOR CONTROL JOINT LOCATIONS.
- DIMENSION ARE TO FACE OF PARTITION UNLESS NOTED OTHERWISE.
- ALL PARTITIONS TO EXTEND TO UNDERSIDE OF STRUCTURE UNLESS NOTED OTHERWISE.
- REFER TO ROOM FINISH PLAN AND SCHEDULE FOR INTERIOR FINISHES
- CONTRACTOR TO VERIFY, DESIGN AND INSTALL TEMPORARY SHORING AS REQUIRED.
- COORDINATE OWNER SUPPLIED EQUIPMENT.
- PROVIDE BLOCKING AND REINFORCEMENT AT ACCOMMODATE CASEWORK, EQUIPMENT AND OTHER DEVICES.

PLAN KEY:

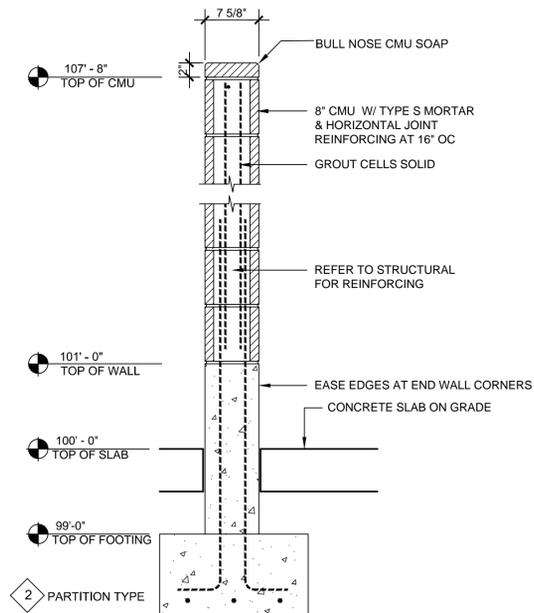
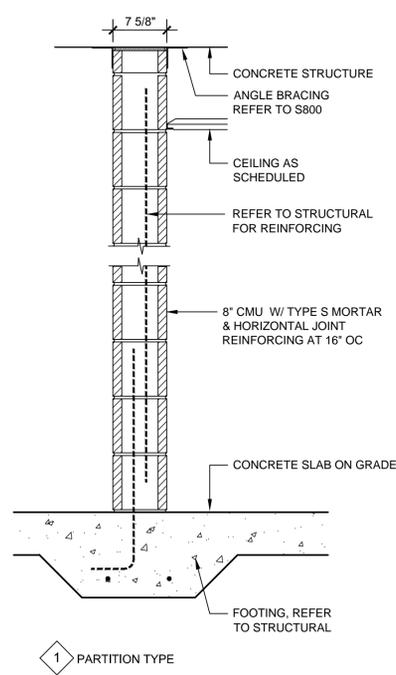
- FEC FIRE EXTINGUISHER CABINET
- 251A DOOR NUMBER - SEE DOOR SCHEDULE A601
- ◇ PARTITION TYPE TAG

SPECIFIC PLAN NOTES

- 1 FIRE ALARM PANEL
- 2 DRINKING FOUNTAIN
- 3 INDICATES SLOPE OF SLAB, REFER TO STRUCTURAL FOR JOINT LOCATIONS
- 4 TELEVISION LOCATION - BY OWNER
- 5 DEFIBRILLATOR - BY OWNER
- 6 PROVIDE FIRE DEPT. ACCESS LOCK BOX, COORDINATE KEYING WITH FIRE DEPARTMENT
- 7 DETAIL AT STEEL BEAM BEARING - REFER TO 5 / A501 AND 9 / S801
- 8 8" CMU BELOW STOREFRONT FRAMING SYSTEM, REFER TO DETAIL 8 / A501



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



PARTITION TYPES
NOT TO SCALE



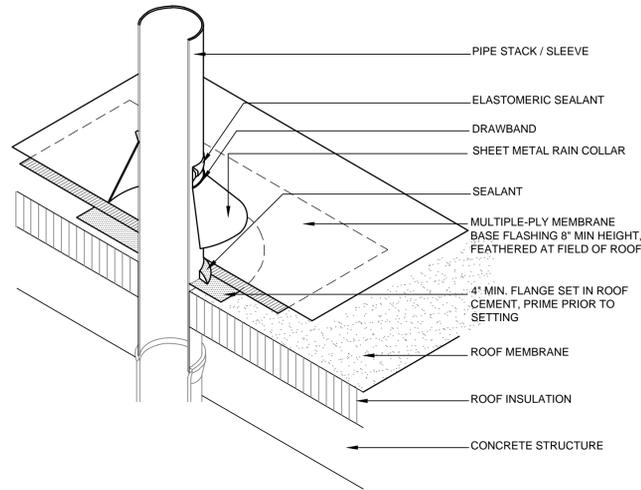
| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| | |
|------------|------|
| PROJECT NO | 1307 |
|------------|------|

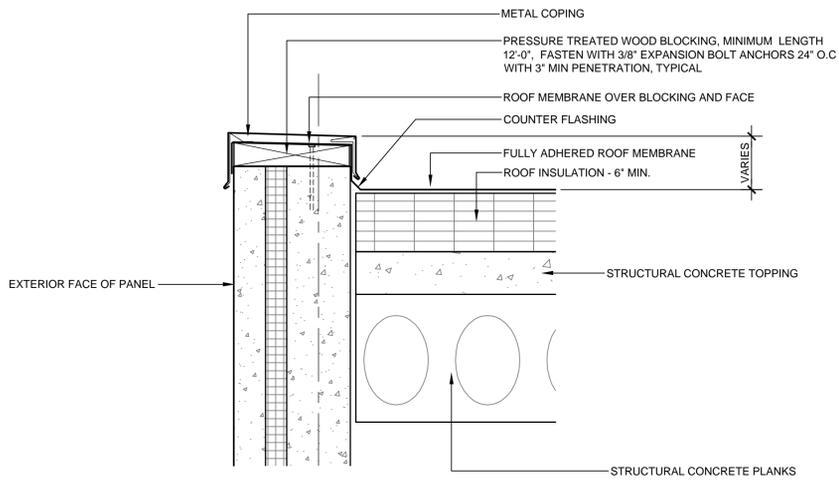
| | |
|----------|---------------|
| SET TYPE | BID DOCUMENTS |
|----------|---------------|

| | |
|------|------------|
| DATE | 05-30-2014 |
|------|------------|

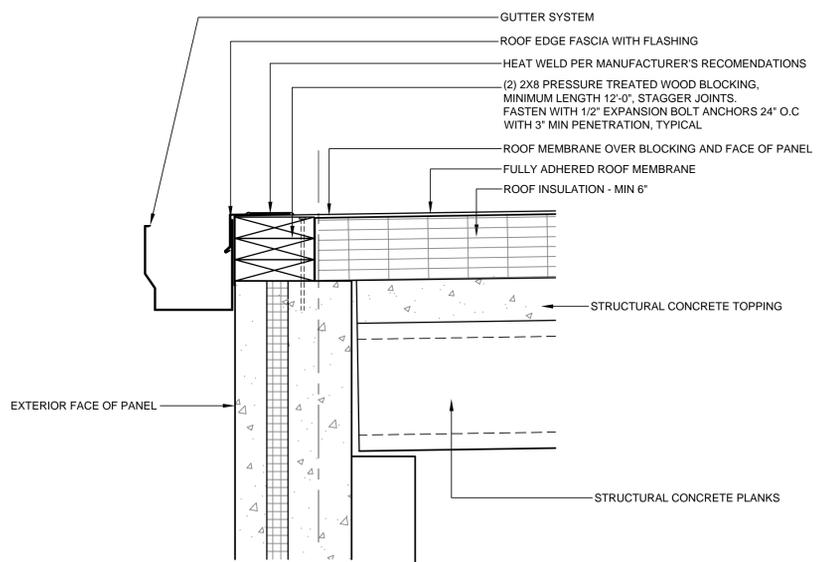
| | |
|--------------|------|
| SHEET NUMBER | A102 |
|--------------|------|



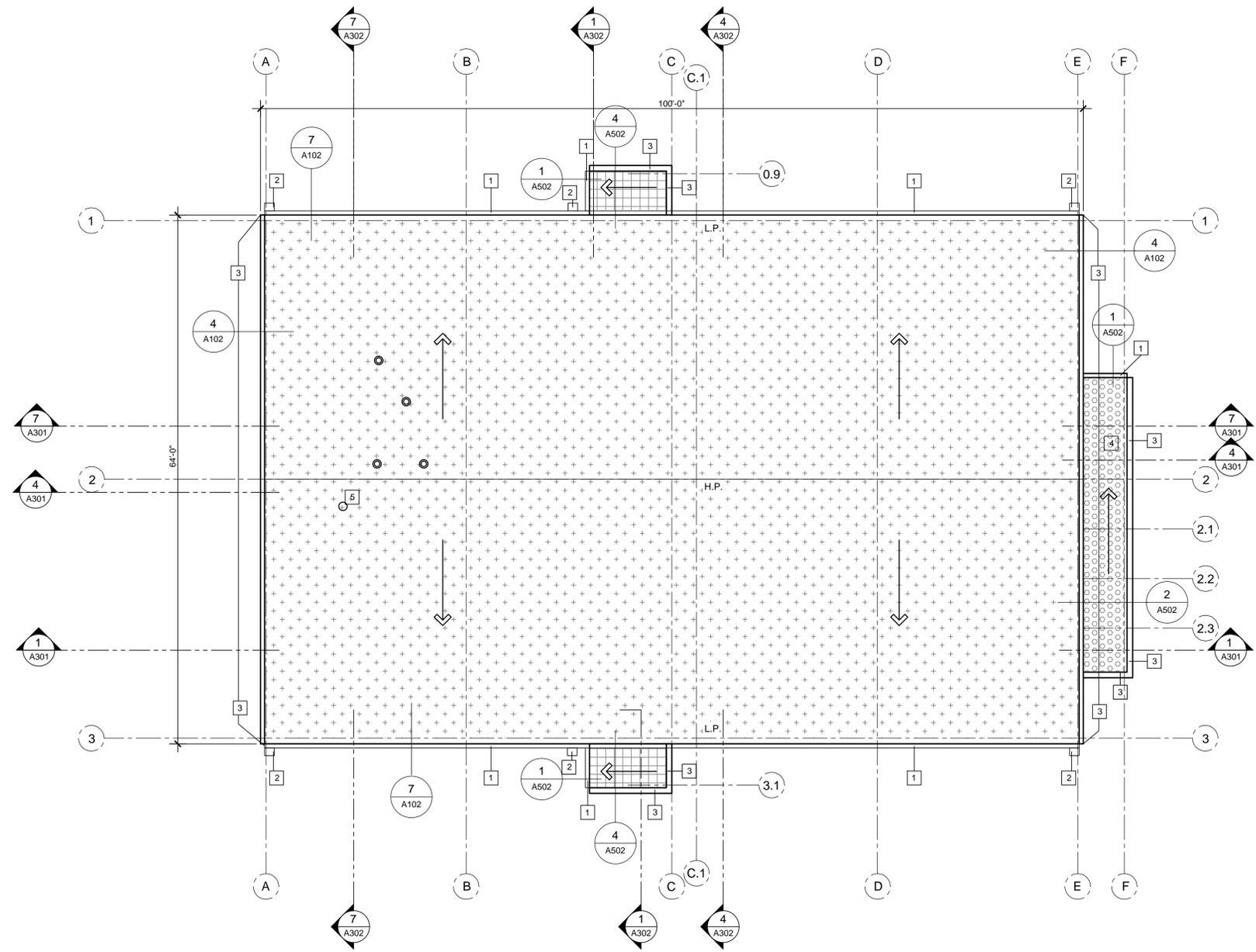
1 ROOF DETAIL - VENT PIPE STACK
1 1/2" = 1'-0"



4 ROOF EDGE DETAIL
1 1/2" = 1'-0"



7 ROOF EDGE DETAIL
1 1/2" = 1'-0"



2 ROOF PLAN
1/8" = 1'-0"

- ROOF KEY**
- L.P. LOW POINT
 - H.P. HIGH POINT
 - ↑ DIRECTION OF SLOPE
 - VENT - REFER TO DETAIL 1 / A102 LOCATIONS PER PLUMBING DRAWINGS (P101)
 - [Hatched] TAPERED ROOF INSULATION AT 1/8" PER FOOT MIN. 1" THICKNESS
 - [Dotted] ROOF INSULATION MIN. 1" THICKNESS
 - [Cross-hatched] ROOF INSULATION OVER SLOPED STRUCTURE MIN. 6" THICKNESS

- GENERAL ROOF PLAN NOTES:**
- SEE PLUMBING DRAWINGS FOR ROOF DRAINS AND VENTS.
 - ALL ROOF PENETRATIONS TO BE WITH CONCRETE STRUCTURAL SYSTEM MANUFACTURER
 - REFER TO BUILDING ELEVATIONS FOR ADDITION CANOPY DETAILS
- SPECIFIC ROOF PLAN NOTES:**
- GUTTER SYSTEM WITH ROOF EDGE FLASHING
 - DOWNSPOUT LOCATION
 - METAL COPING
 - SLOPED CAST CONCRETE TOP OF CANOPY
 - FURNISH AND INSTALL 2" DIA PVC CONDUIT THROUGH CONCRETE STRUCTURE AND ROOFING SYSTEM TO ACCOMMODATE FUTURE CELLULAR AND RADIO ANTENNA CABLES. EXTEND 18" ABOVE FINISHED ROOF WITH GOOSENECK AND REMOVABLE CAP. EXTEND 12" BELOW ROOF DECK STRUCTURE. COORDINATE FINAL LOCATION AND DETAILS WITH CITY IT DEPT PRIOR TO INSTALLATION. COORDINATE LOCATION WITH ROOF PLANK MANUFACTURE. INSTALL PER DETAIL 1 / A102



| | |
|--|--|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

CEILING SYMBOL LEGEND

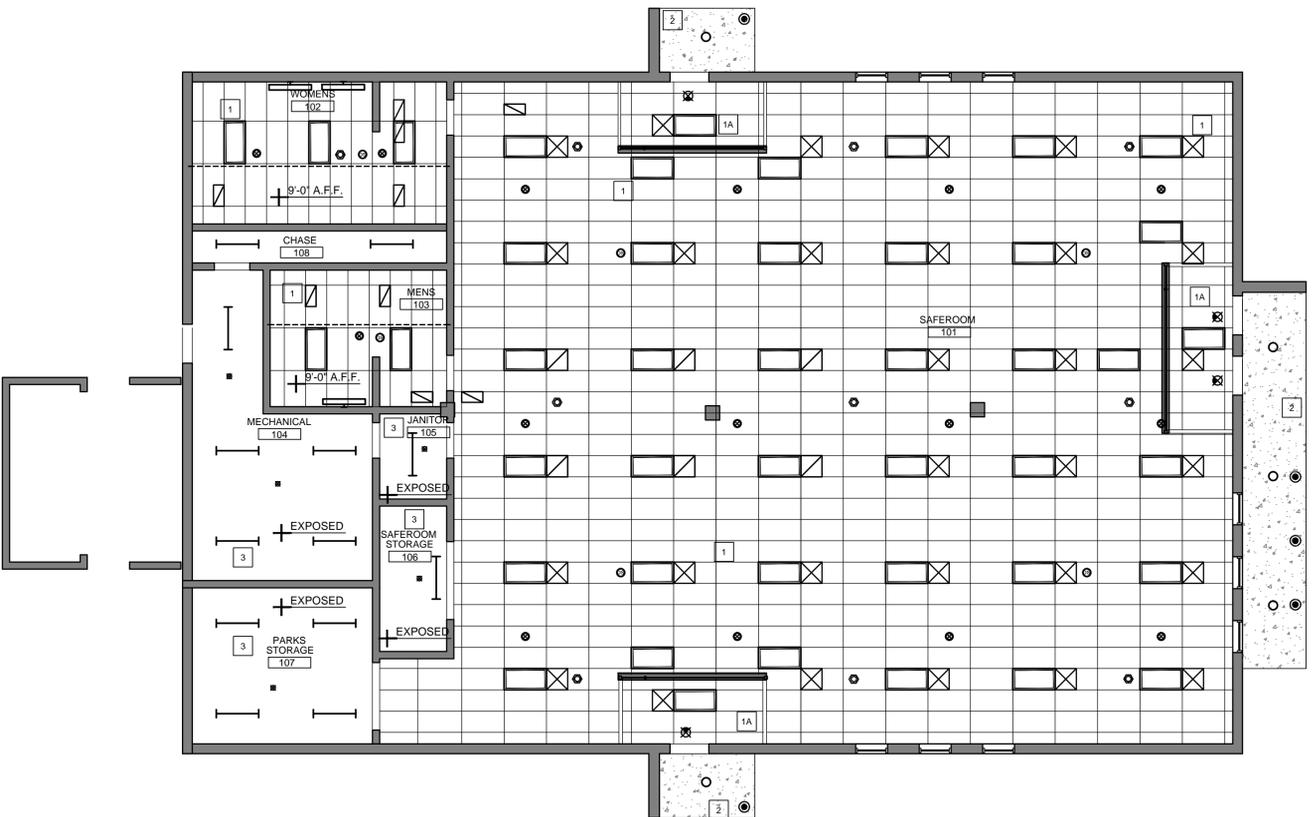
- FLUSH GRID MOUNTED FLUORESCENT 2'X4' FIXTURE. SEE ELECTRICAL.
- PENDANT MOUNTED FLUORESCENT STRIP-INDUSTRIAL FIXTURE. SEE ELECTRICAL.
- WALL MOUNTED FIXTURE. SEE ELECTRICAL.
- WALL MOUNTED FIXTURE. SEE ELECTRICAL.
- SUPPLY DIFFUSER - LAY IN. REFER TO MECHANICAL
- RETURN GRILLE, REFER TO MECHANICAL
- OCCUPANCY SENSOR - CEILING MOUNTED REFER TO ELECTRICAL
- EXIT LIGHT, REFER TO ELECTRICAL
- FIRE ALARM SPEAKER, REFER TO ELECTRICAL
- SPRINKLER HEAD, REFER TO FIRE PROTECTION

GENERAL CEILING PLAN NOTES

1. EQUIPMENT, ELECTRICAL FIXTURES AND OTHER DEVICES DEPICTED IN CEILING PLAN LAYOUT ARE FOR COORDINATION AND REFERENCE. REFER TO INDIVIDUAL DISCIPLINES FOR REQUIREMENTS, WIRING, SWITCHING AND OTHER RELATED INFORMATION.
2. REFER TO FLOOR PLAN FOR DIMENSIONS AND PARTITION TYPES
3. REFER TO ROOM FINISH SCHEDULE FOR CEILING FINISH SELECTIONS.
4. CEILINGS ARE 10'-6" UNLESS NOTED OTHERWISE.
5. CENTER SPRINKLER HEAD AND OTHER DEVICES IN CEILING TILE

CEILING PLAN LEGEND

- 1 2' x 4' APC 1 CEILING SYSTEM
- 1A 2' x 4' APC 1 WITH HOLD DOWN CLIPS CEILING SYSTEM
- 2 PAINTED CONCRETE CANOPY
- 3 PAINTED EXPOSED STRUCTURE
- STEEL BEAM ABOVE TOILET PARTITION SUPPORT



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



| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

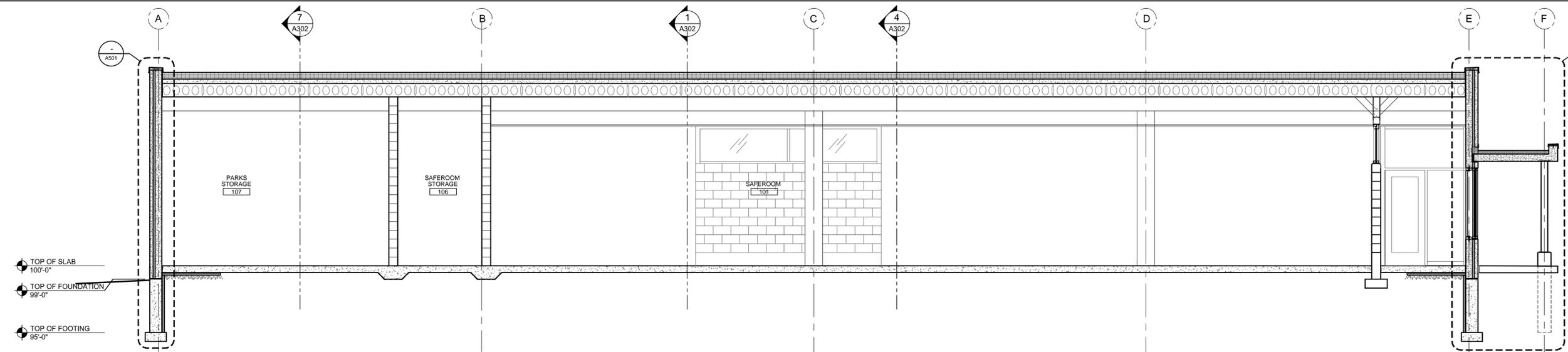
PROJECT NO 1307

SET TYPE BID DOCUMENTS

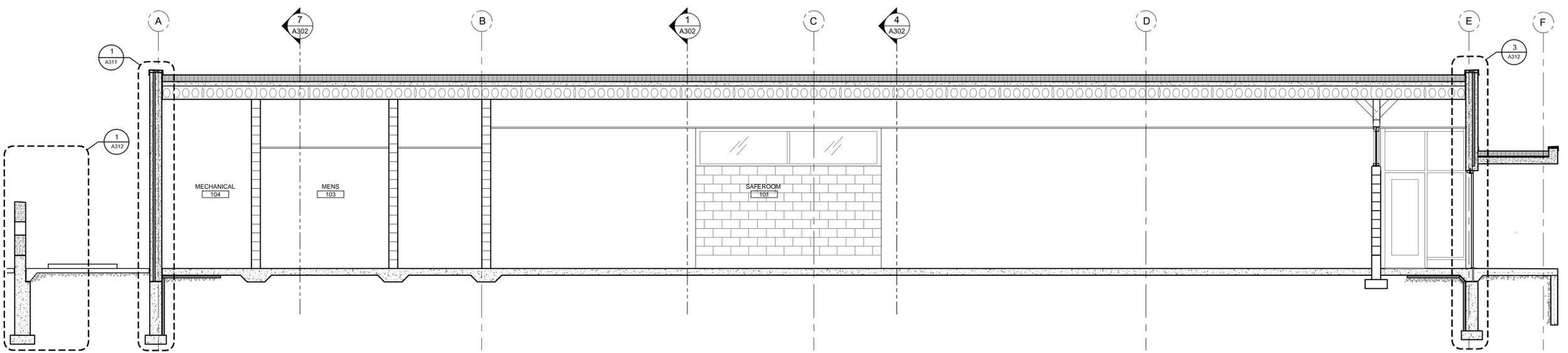
DATE 05-30-2014

SHEET NUMBER

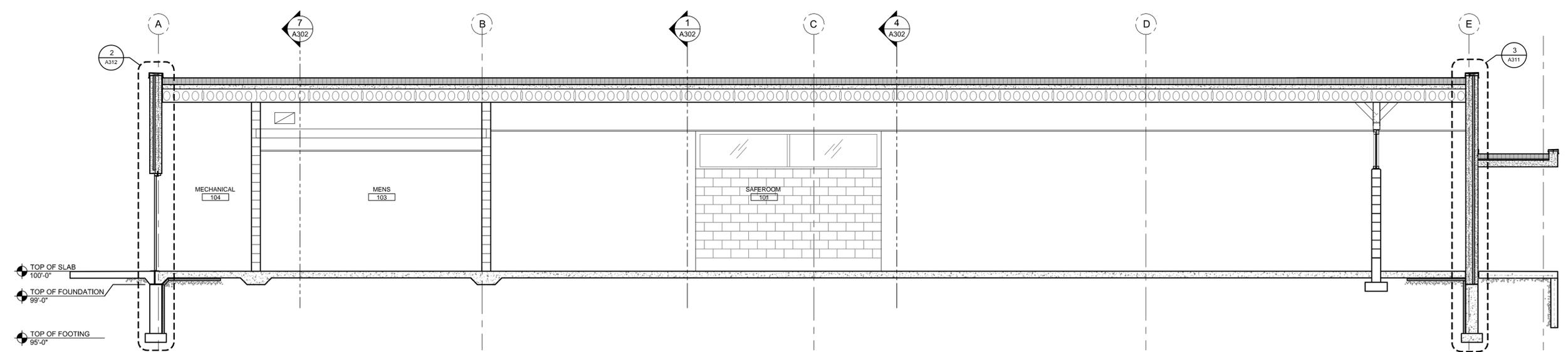
A301



1 BUILDING SECTION
1/4" = 1'-0"



4 BUILDING SECTION
1/4" = 1'-0"



7 BUILDING SECTION
1/4" = 1'-0"



CITY OF MADISON
Contract: 7343

REVISION DATE

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

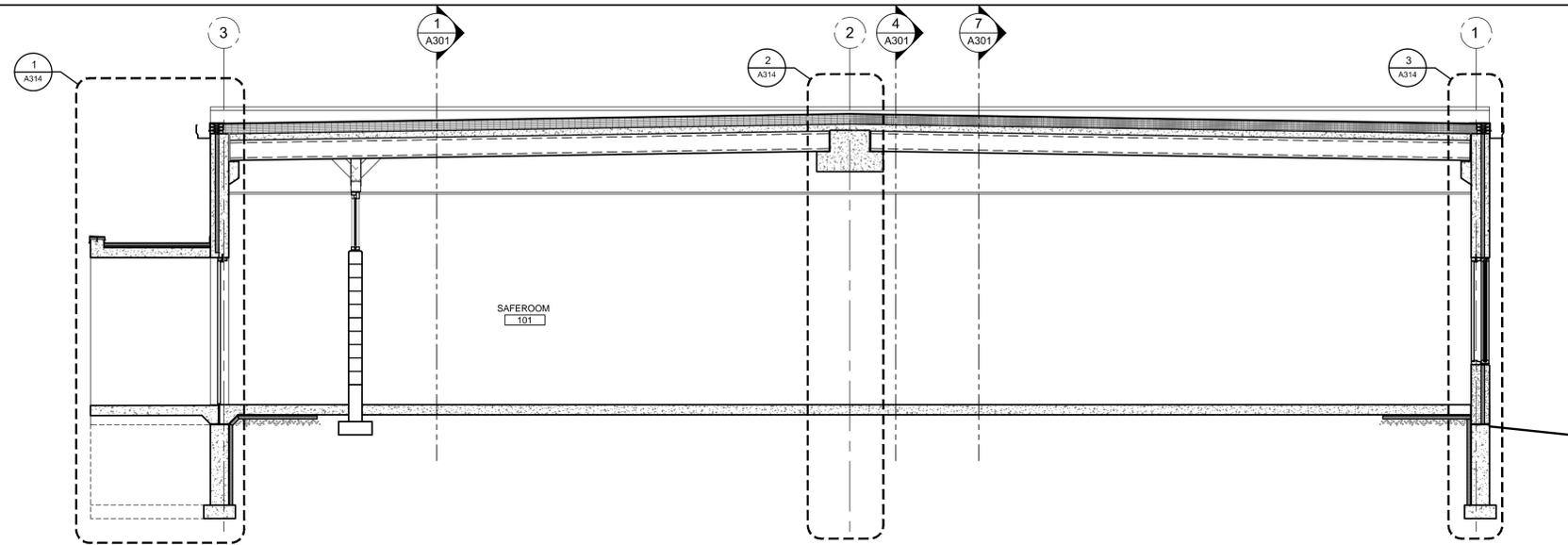
PROJECT NO 1307

SET TYPE BID DOCUMENTS

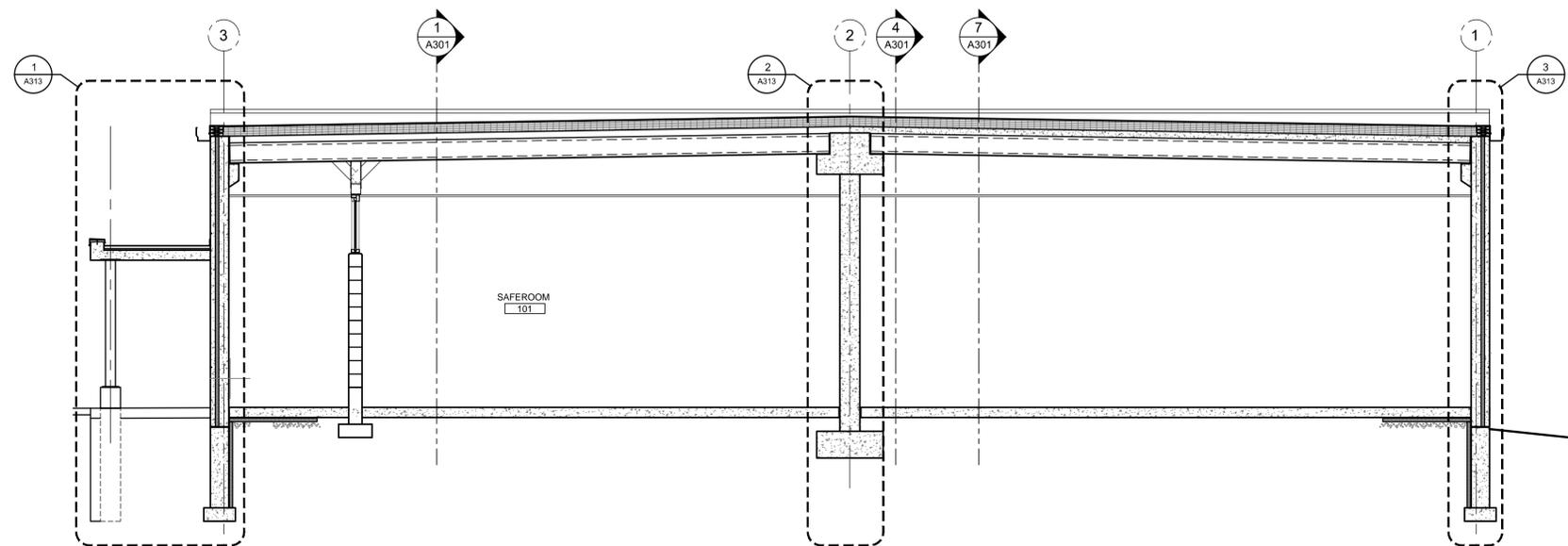
DATE 05-30-2014

SHEET NUMBER

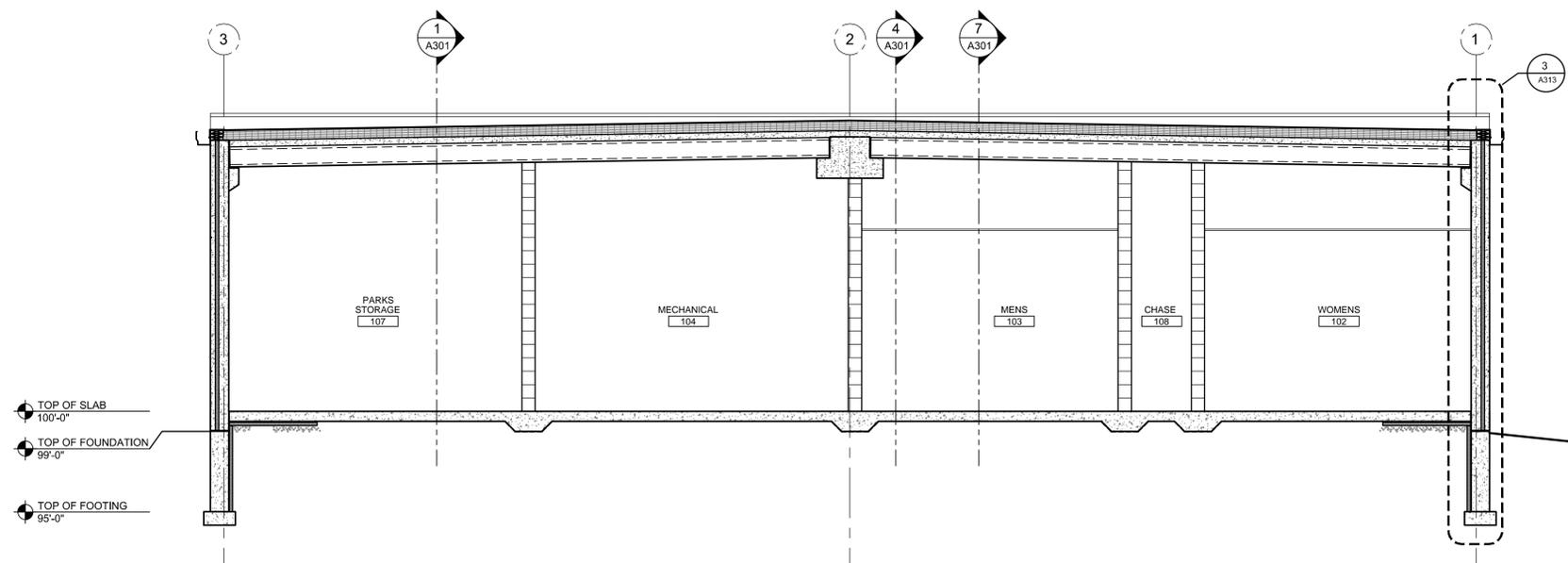
A302



1 BUILDING SECTION
1/4" = 1'-0"



4 BUILDING SECTION
1/4" = 1'-0"



7 BUILDING SECTION
1/4" = 1'-0"



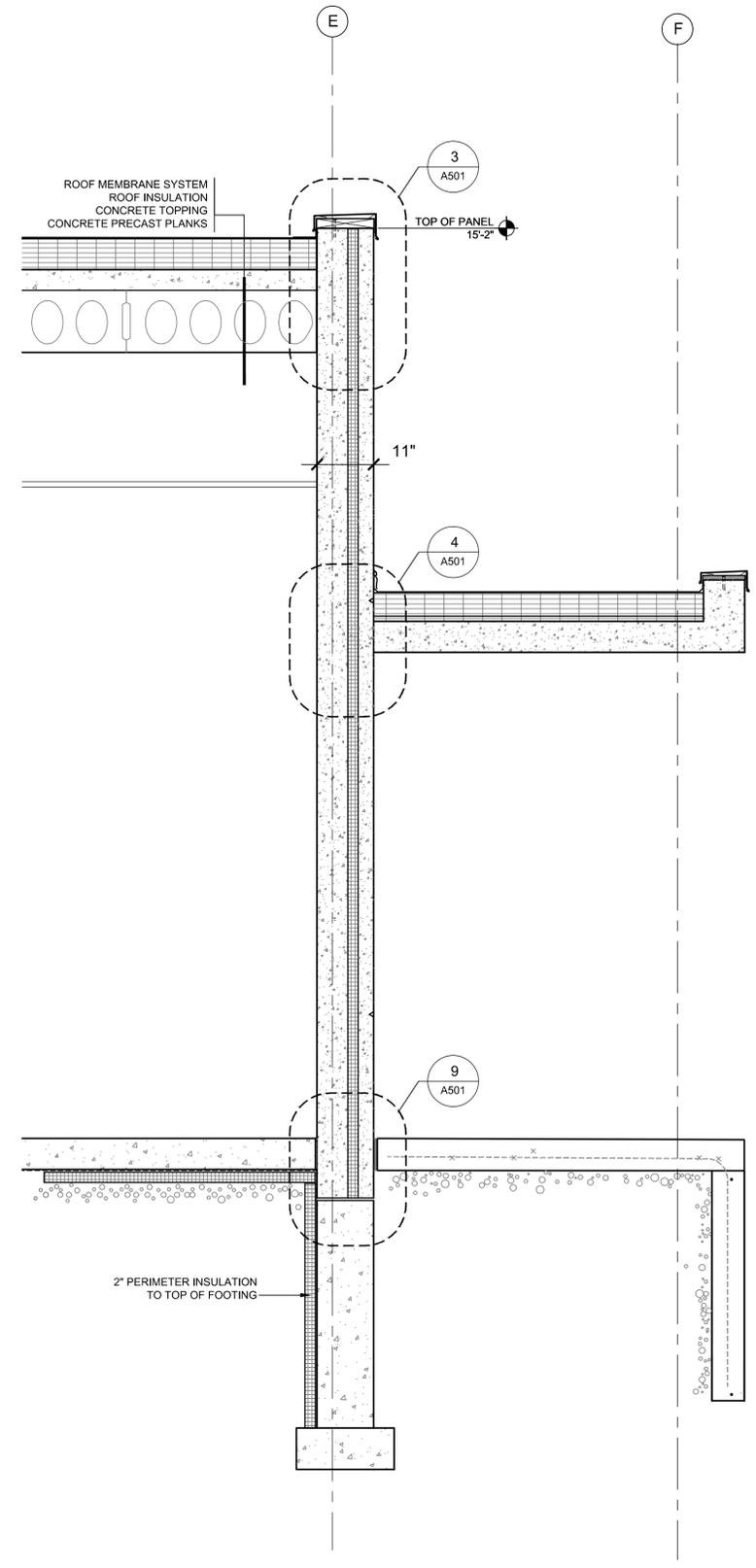
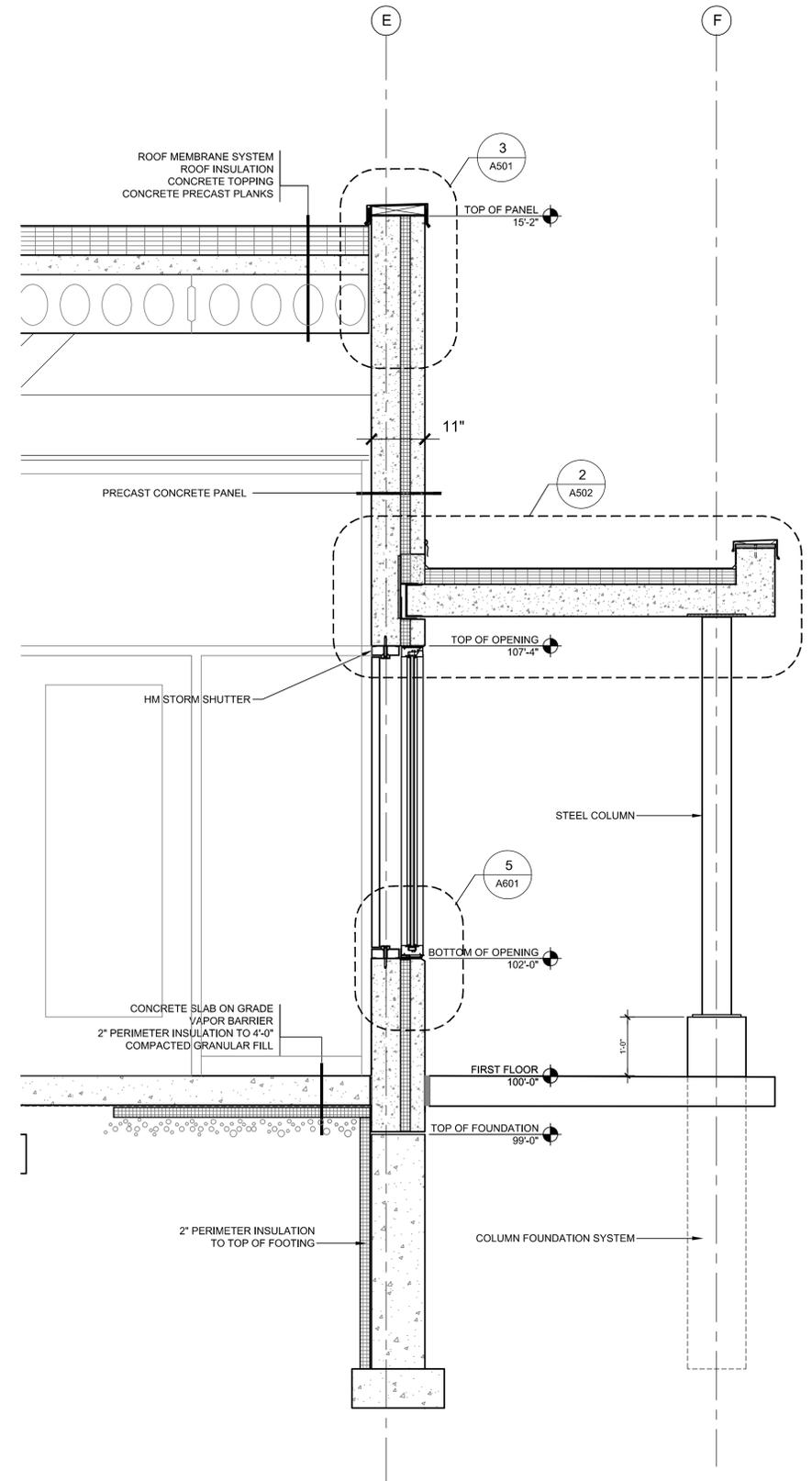
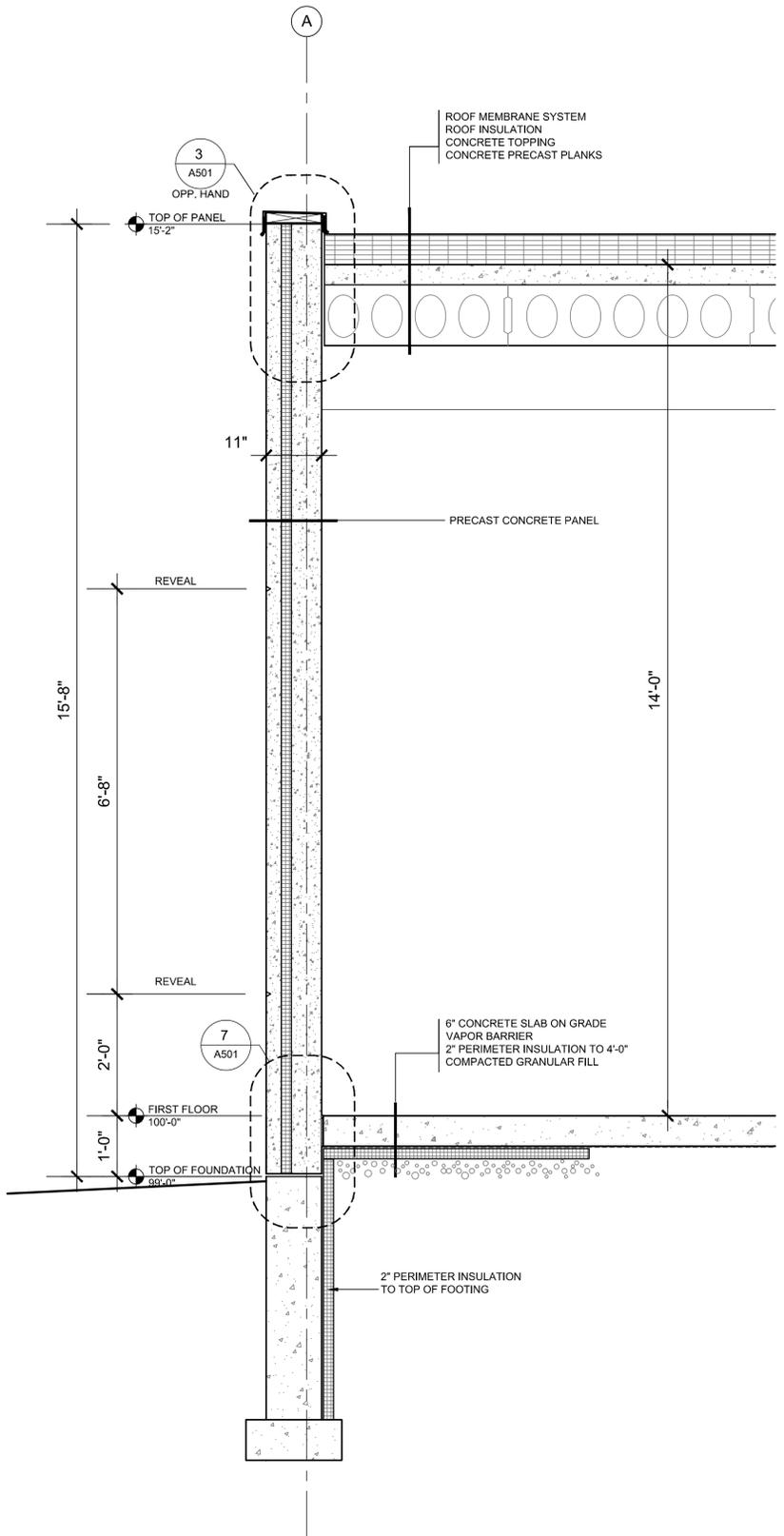
CITY OF MADISON
Contract: 7343

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| | |
|------------|---------------|
| PROJECT NO | 1307 |
| SET TYPE | BID DOCUMENTS |
| DATE | 05-30-2014 |

SHEET NUMBER

A311



REFER TO STRUCTURAL FOR CONNECTION
AND OTHER STRUCTURAL REQUIREMENTS.
NOT DEPICTED IN THESE DRAWINGS

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

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

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



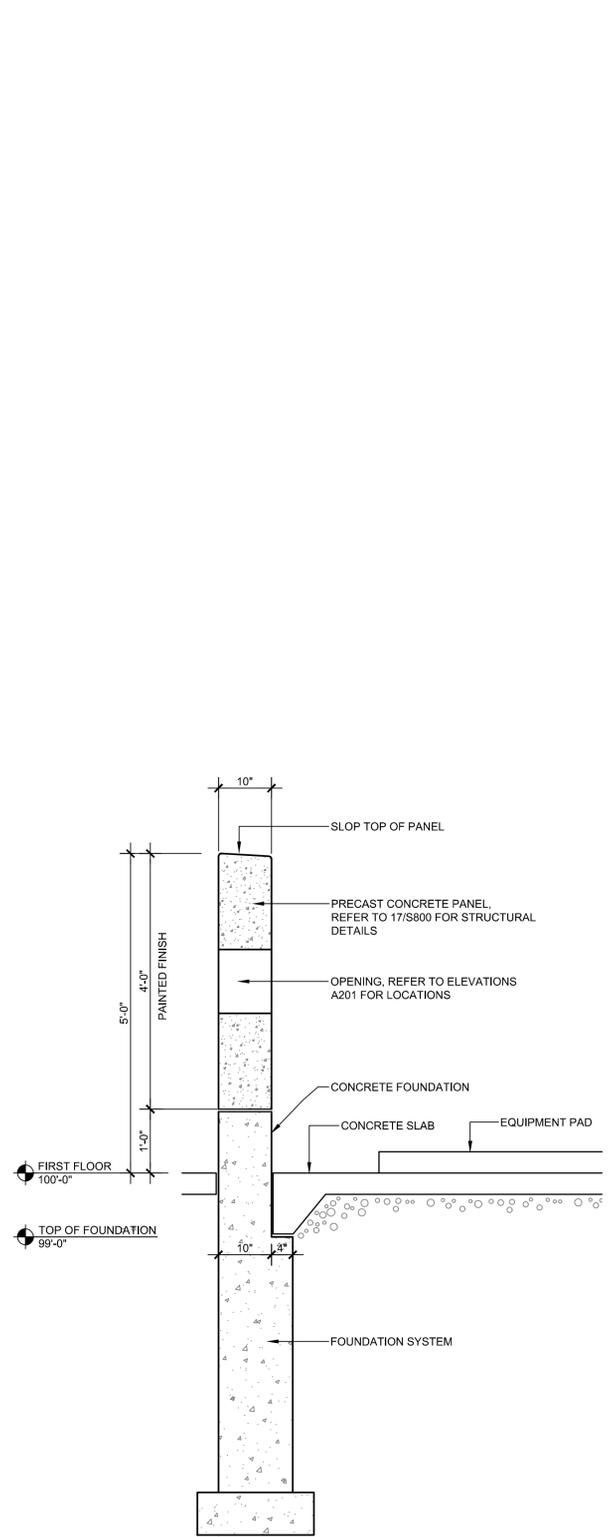
CITY OF MADISON
Contract: 7343

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

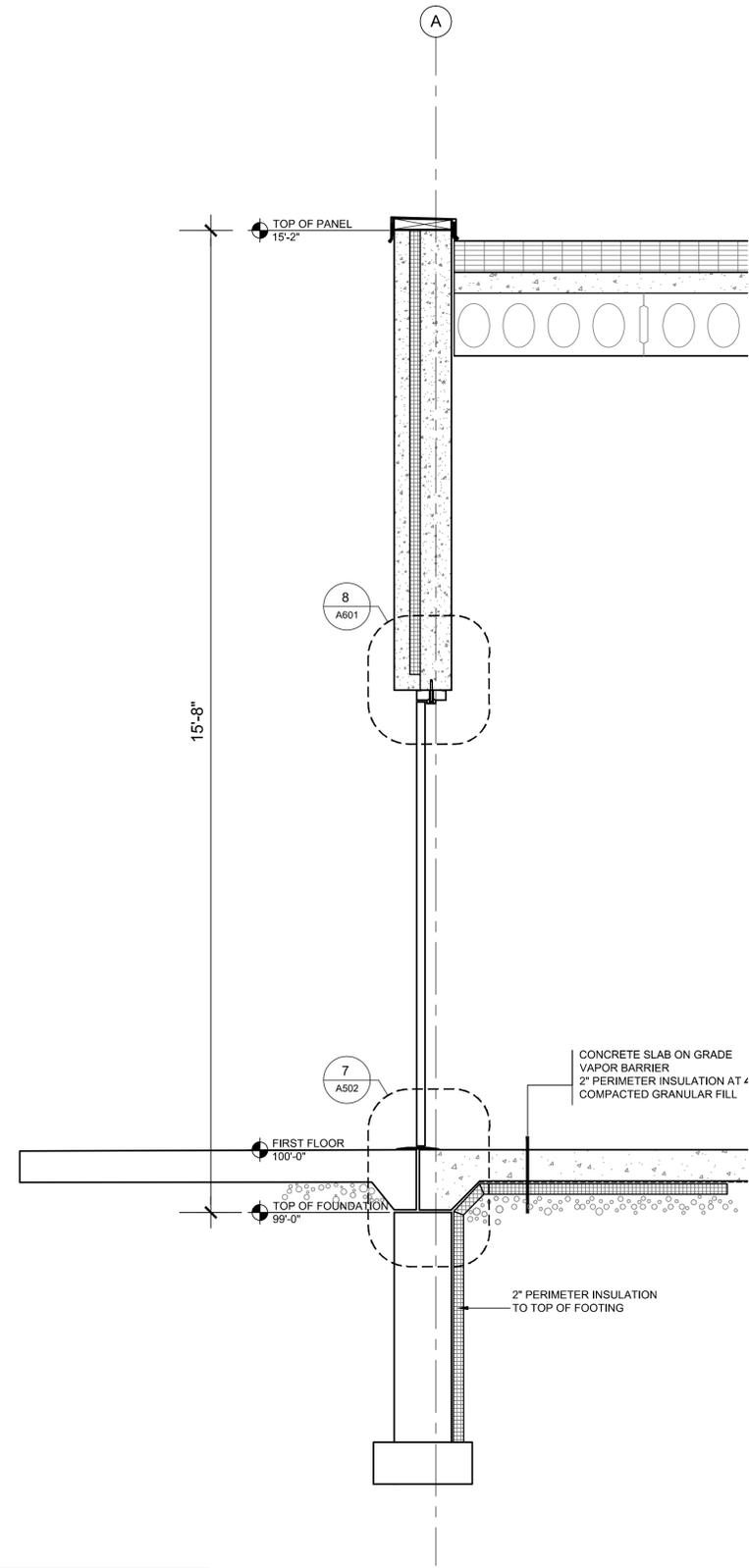
| | |
|------------|---------------|
| PROJECT NO | 1307 |
| SET TYPE | BID DOCUMENTS |
| DATE | 05-30-2014 |

SHEET NUMBER

A312

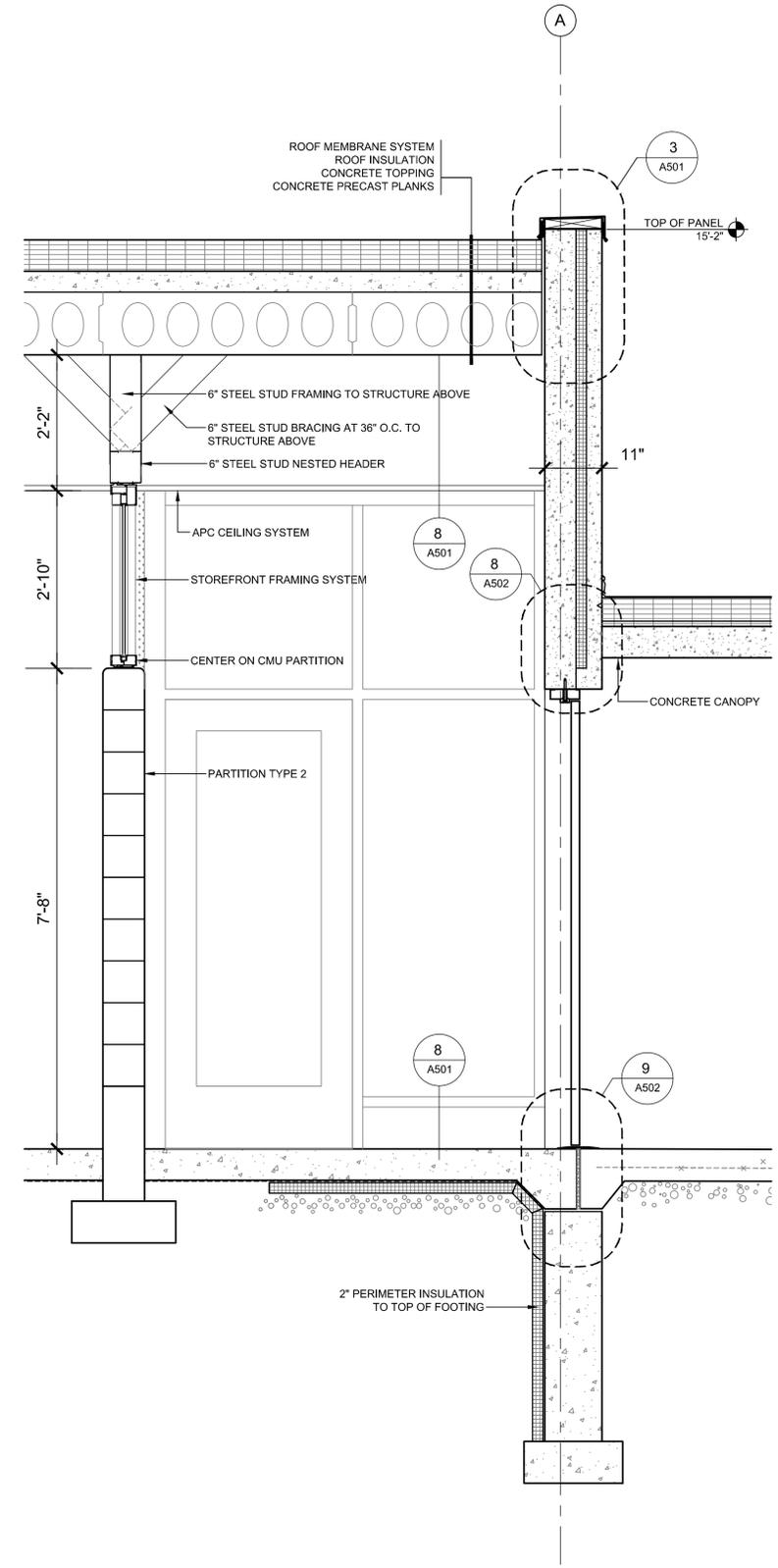


1 WALL SECTION
3/4" = 1'-0"



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

REFER TO STRUCTURAL FOR CONNECTION
AND OTHER STRUCTURAL REQUIREMENTS,
NOT DEPICTED IN THESE DRAWINGS



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

HIGHLAND MANOR COMMUNITY SAFE ROOM
CITY OF MADISON - CONTRACT NO. 7343
10 MANOR DRIVE
MADISON, WISCONSIN

PROJECT

SHEET NAME

WALL SECTIONS



CITY OF MADISON
Contract: 7343

REVISION DATE

| | |
|--|--|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

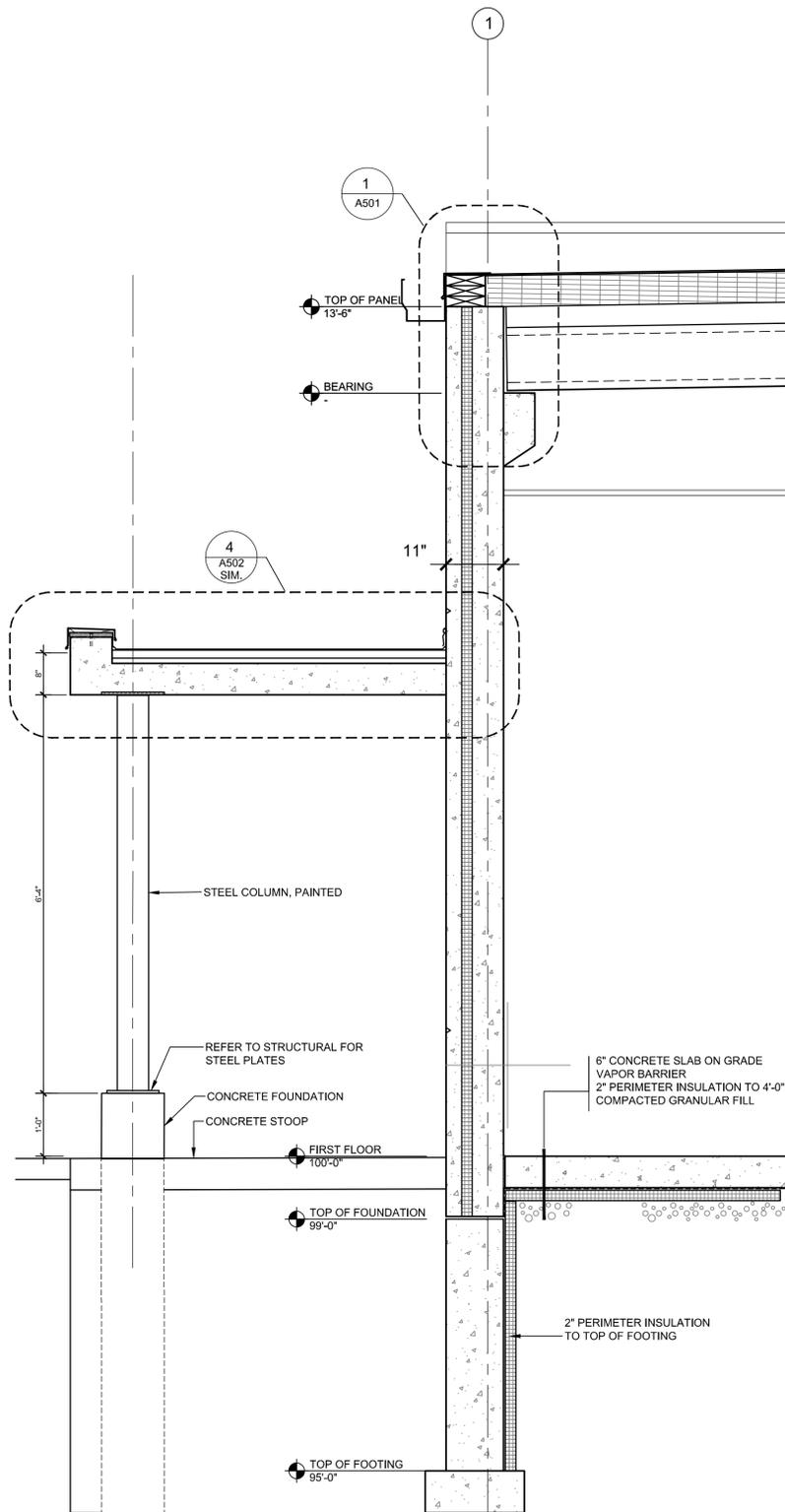
PROJECT NO 1307

SET TYPE BID DOCUMENTS

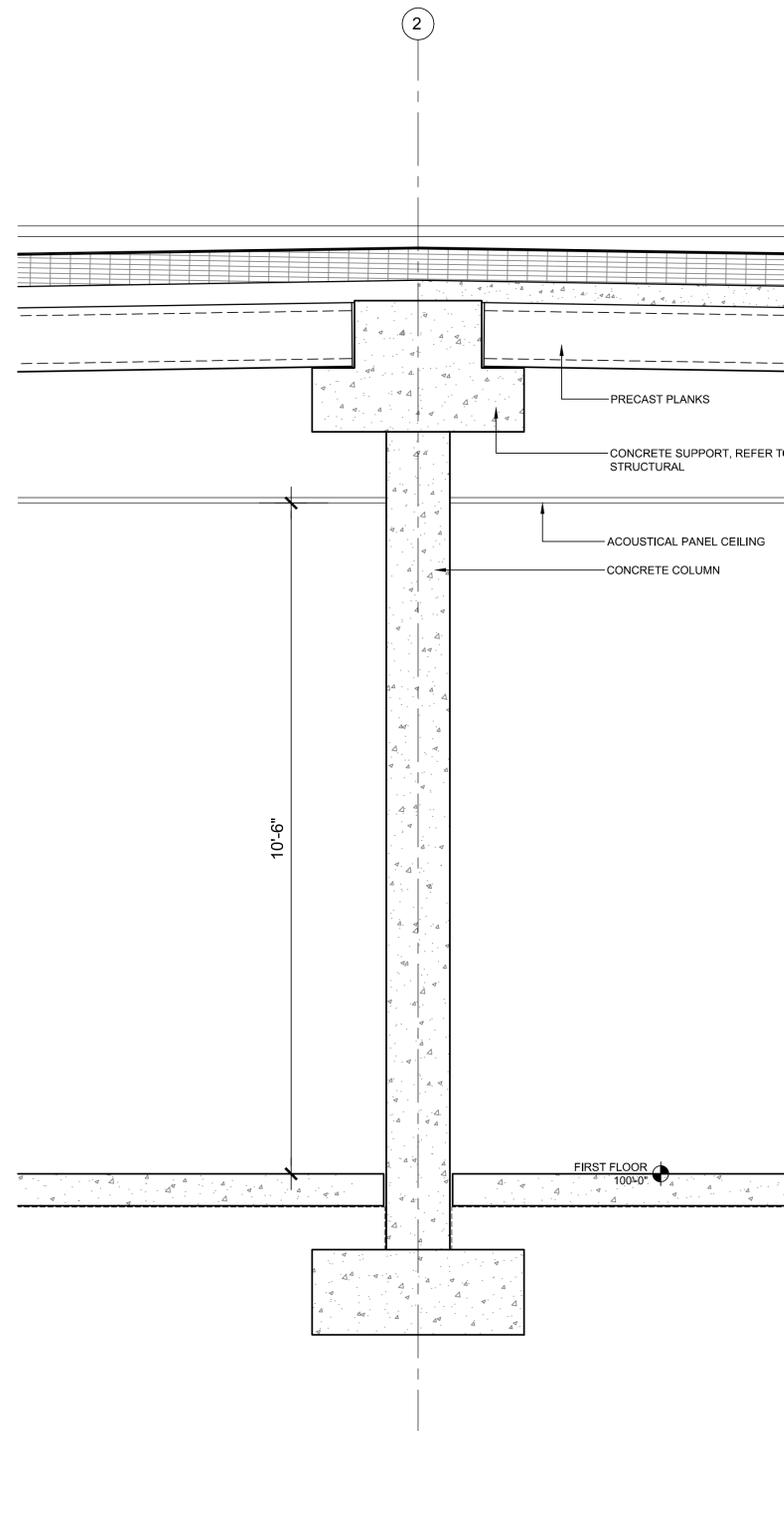
DATE 05-30-2014

SHEET NUMBER

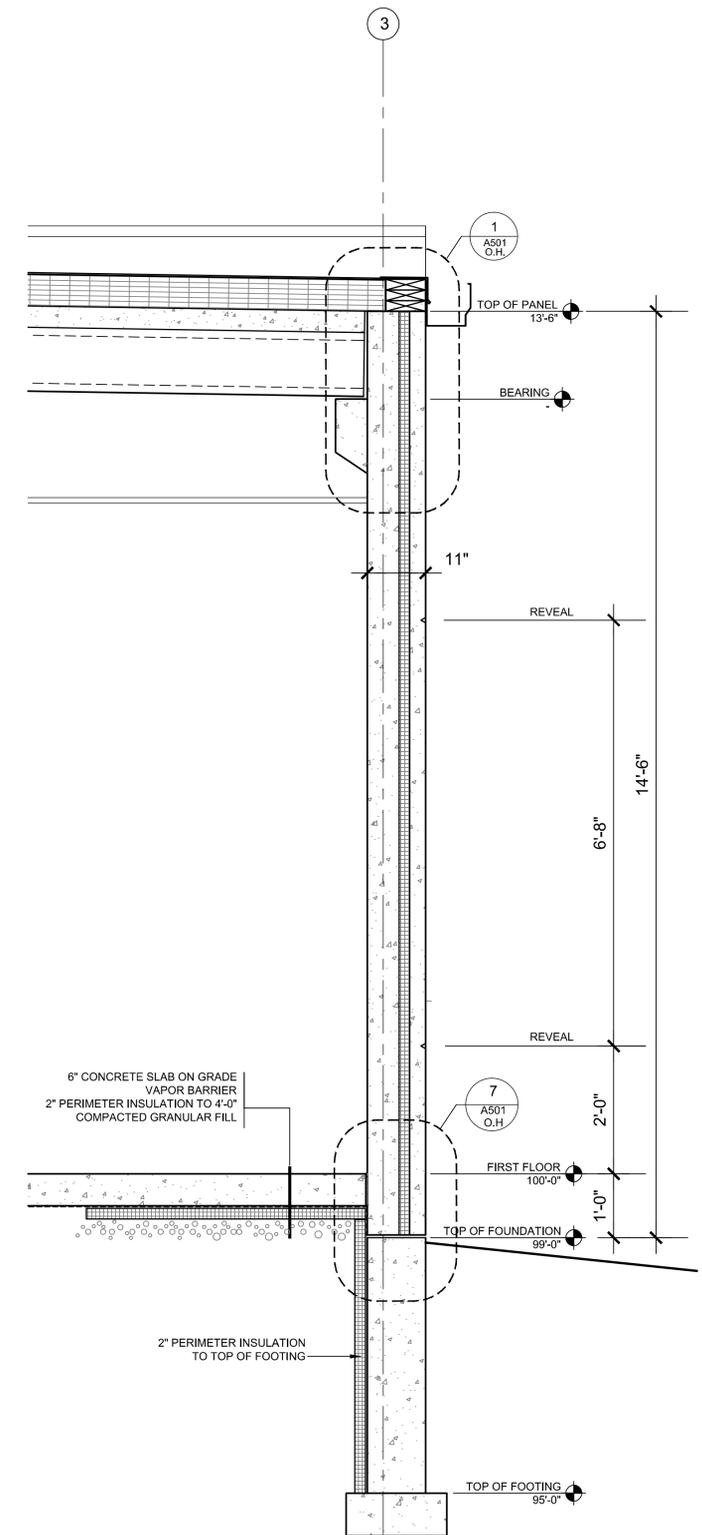
A313



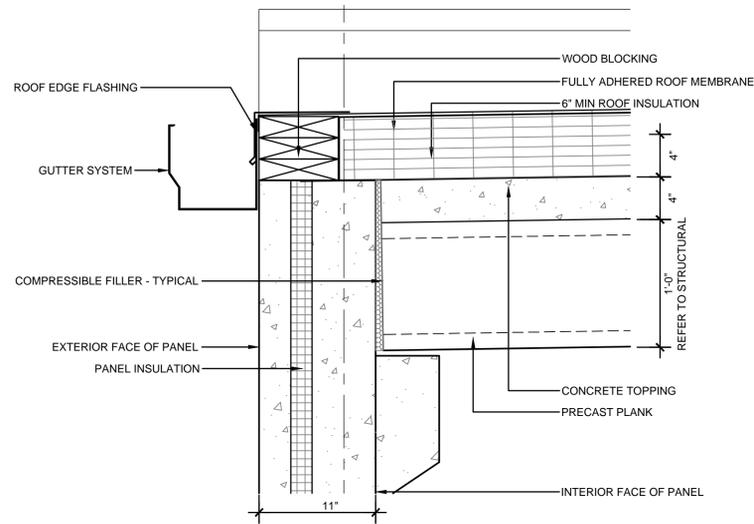
1 WALL SECTION
3/4" = 1'-0"



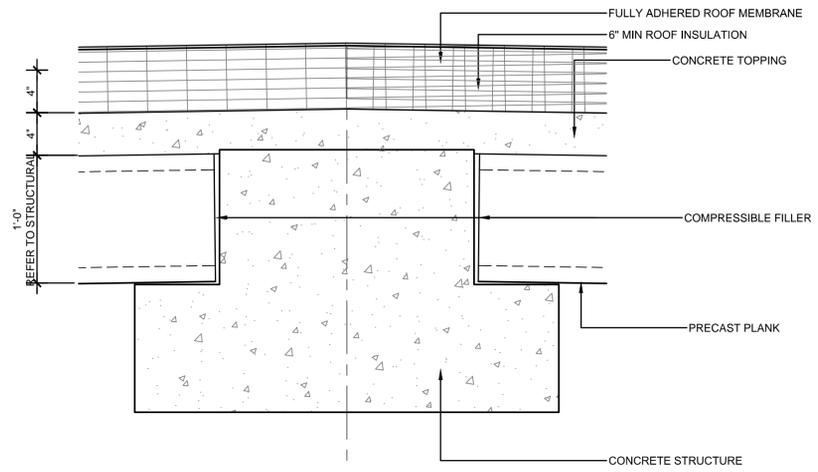
2 WALL SECTION
3/4" = 1'-0"



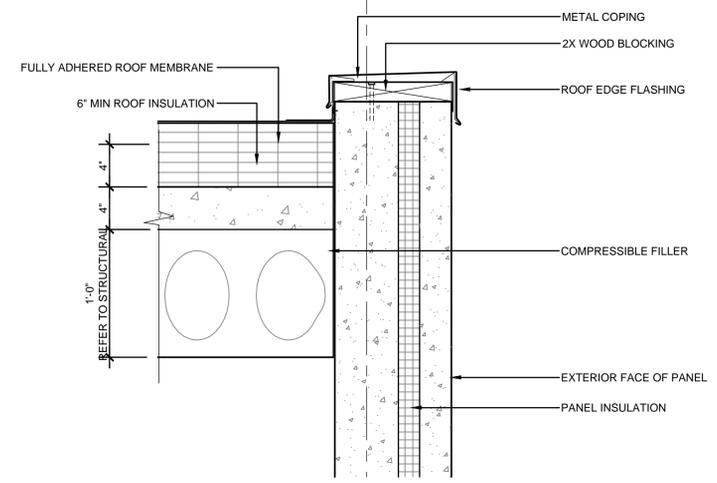
3 WALL SECTION
3/4" = 1'-0"



1 DETAIL
1 1/2" = 1'-0"

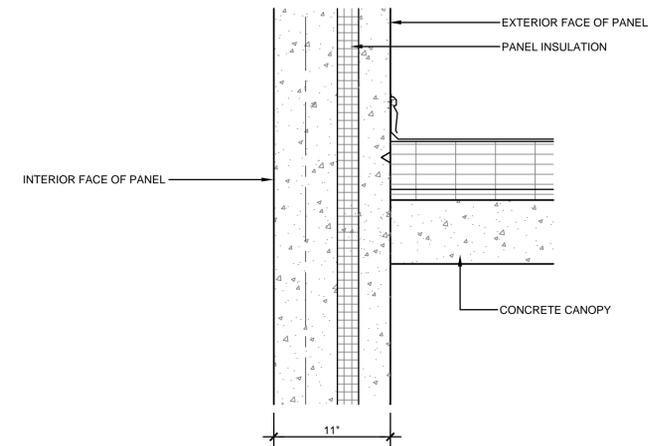
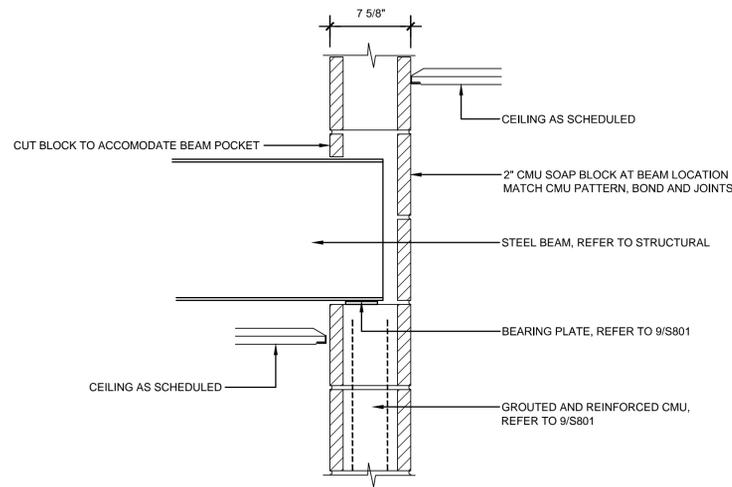


2 DETAIL
1 1/2" = 1'-0"



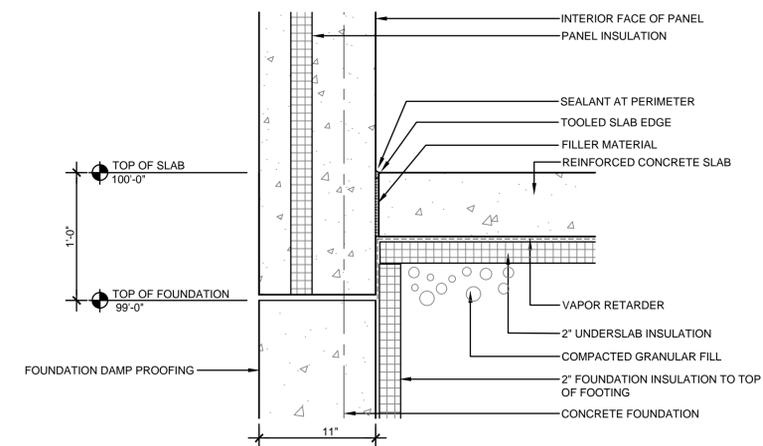
3 DETAIL
1 1/2" = 1'-0"

REFER TO STRUCTURAL FOR CONNECTION AND OTHER STRUCTURAL REQUIREMENTS, NOT DEPICTED IN THESE DRAWINGS

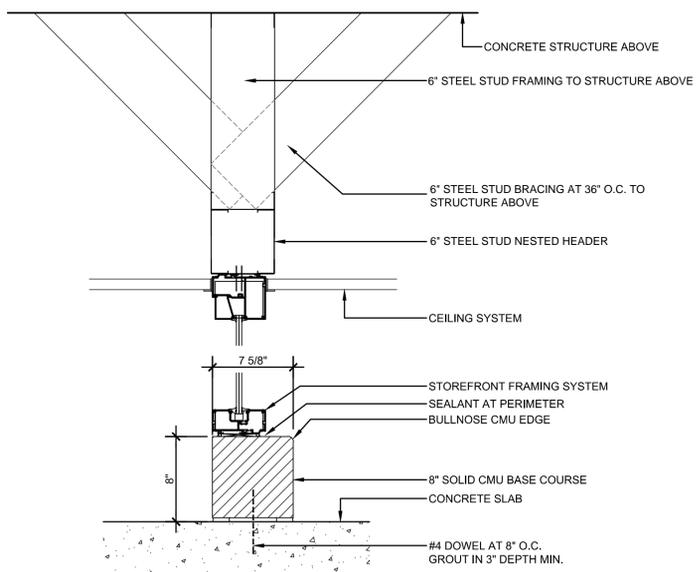


5 PARTITION DETAIL
1 1/2" = 1'-0"

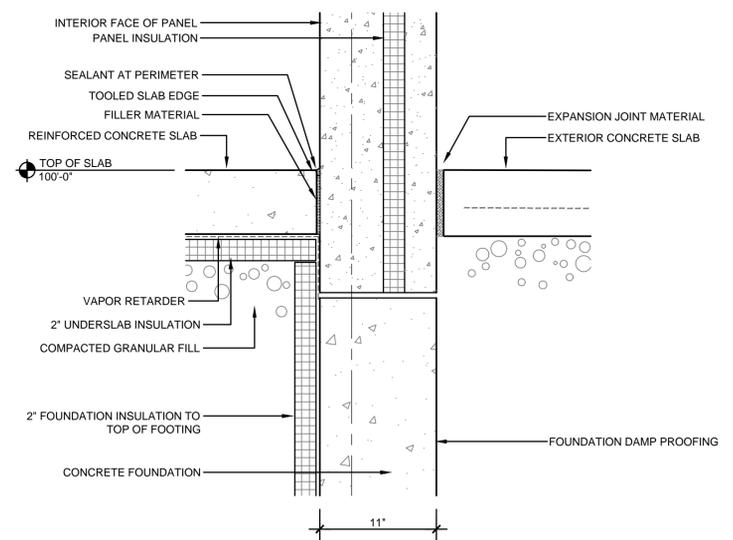
6 DETAIL
1 1/2" = 1'-0"



7 DETAIL
1 1/2" = 1'-0"



8 DETAIL AT VESTIBULE
1 1/2" = 1'-0"



9 DETAIL
1 1/2" = 1'-0"

assemblage ARCHITECTS

7427 Elmwood Avenue
Middleton, WI 53562
T 608.827.5047
F 608.827.6960

HIGHLAND MANOR COMMUNITY SAFE ROOM
CITY OF MADISON - CONTRACT NO. 7343
10 MANOR DRIVE
MADISON, WISCONSIN

DETAILS

PROJECT

SHEET NAME



CITY OF MADISON
Contract: 7343

REVISION DATE

PROJECT NO 1307

SET TYPE BID DOCUMENTS

DATE 05-30-2014

SHEET NUMBER

A501



CITY OF MADISON
Contract: 7343

| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

PROJECT NO 1307

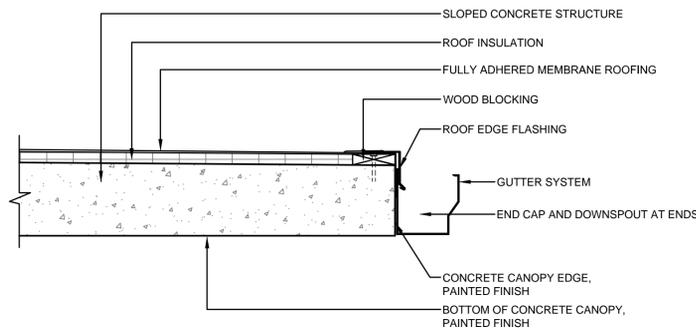
SET TYPE BID DOCUMENTS

DATE 05-30-2014

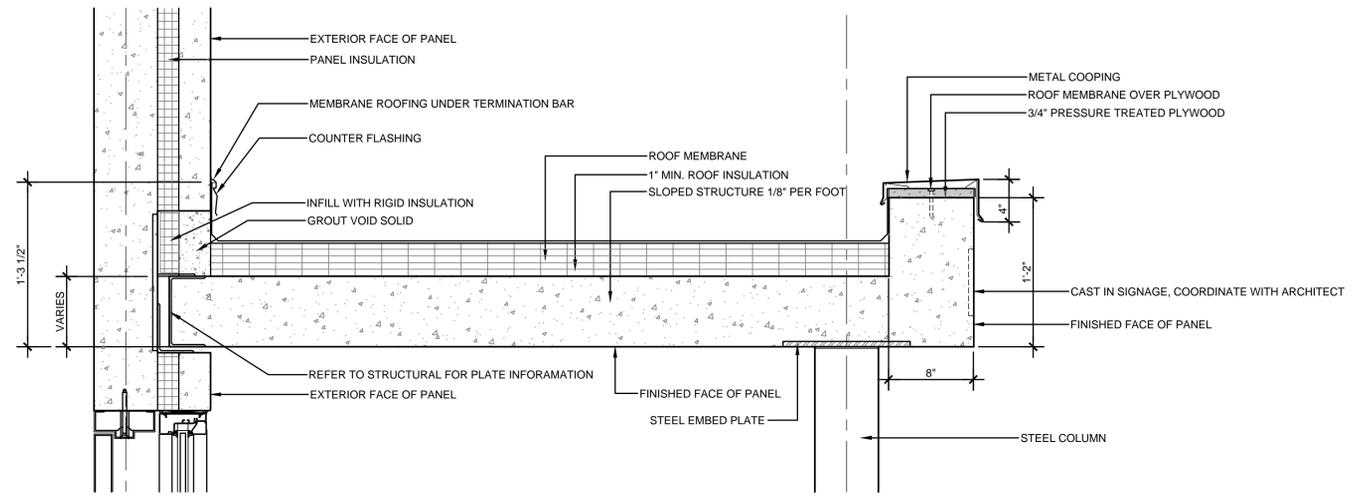
SHEET NUMBER

A502

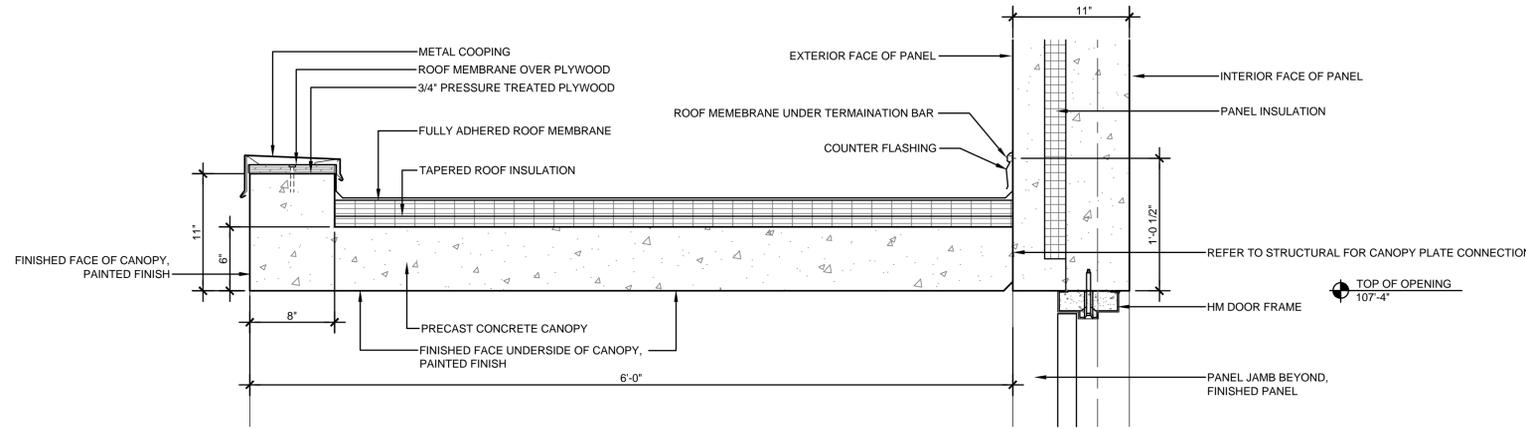
REFER TO STRUCTURAL FOR CONNECTION
AND OTHER STRUCTURAL REQUIREMENTS,
NOT DEPICTED IN THESE DRAWINGS



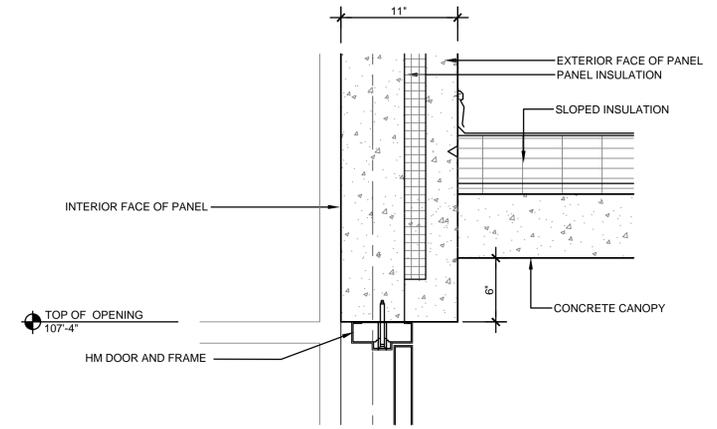
1 CANOPY DETAIL ROOF EDGE
1 1/2" = 1'-0"



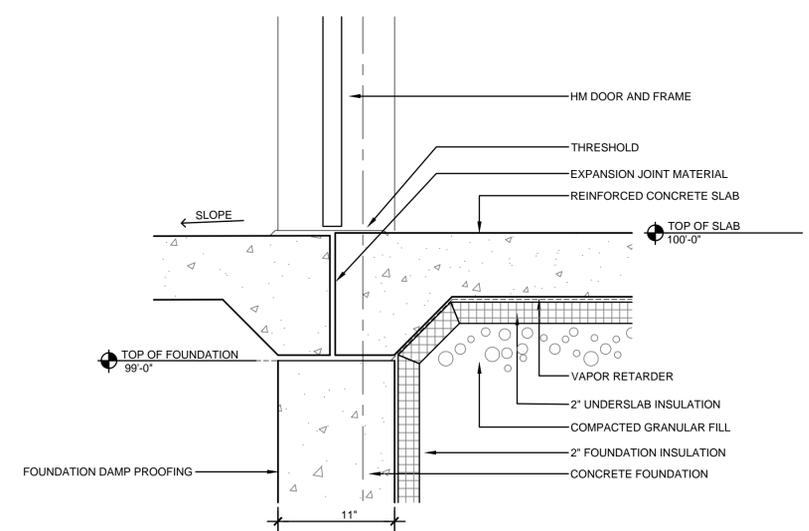
2 CANOPY DETAIL
1 1/2" = 1'-0"



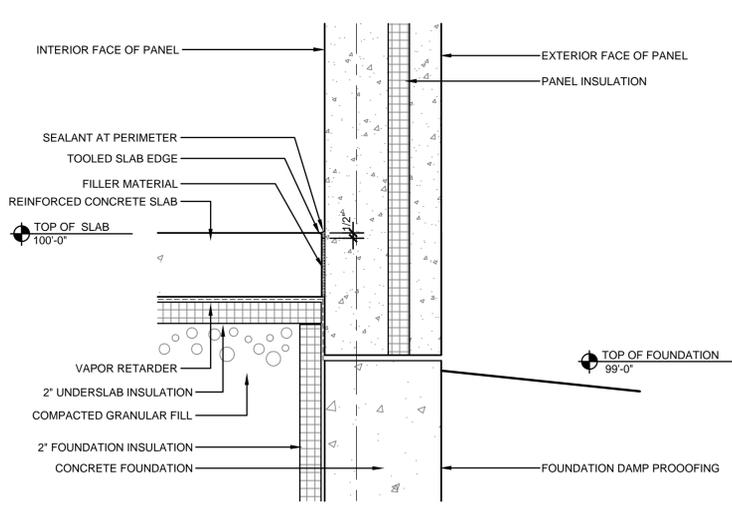
4 CANOPY DETAIL
1 1/2" = 1'-0"



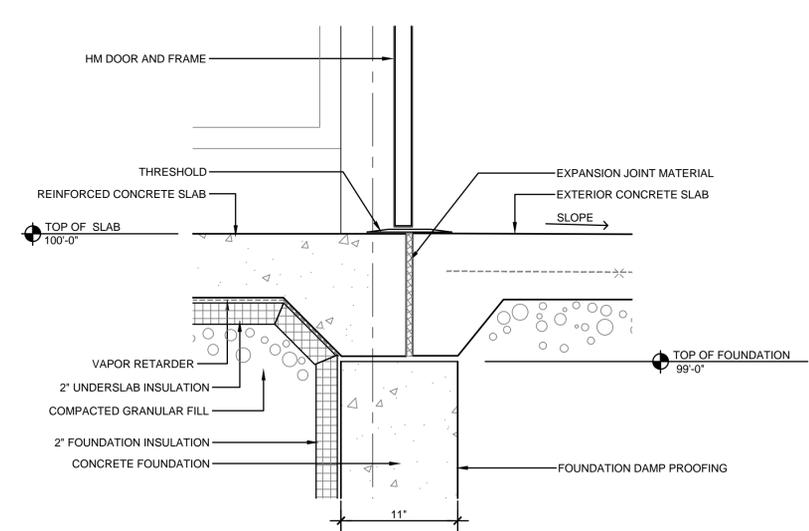
6 DETAIL
1 1/2" = 1'-0"



7 DETAIL
1 1/2" = 1'-0"



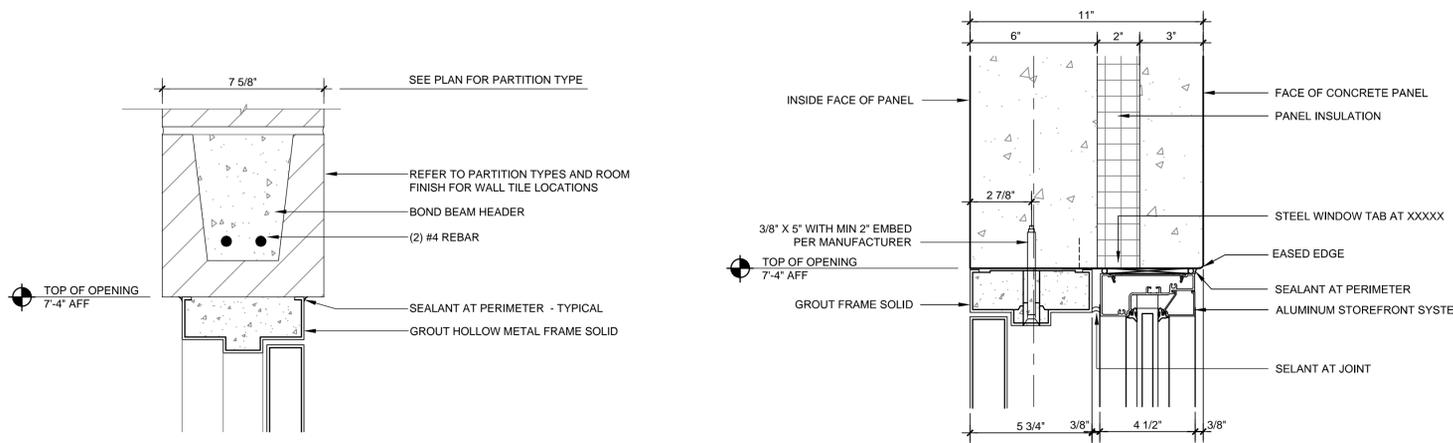
8 DETAIL
1 1/2" = 1'-0"



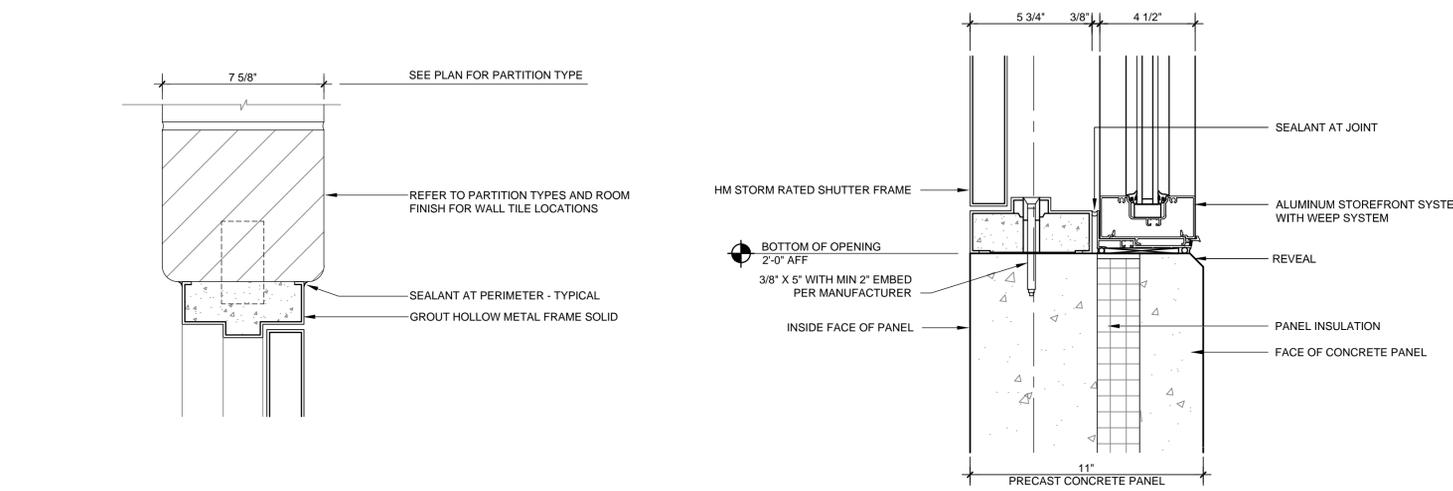
9 DETAIL
1 1/2" = 1'-0"



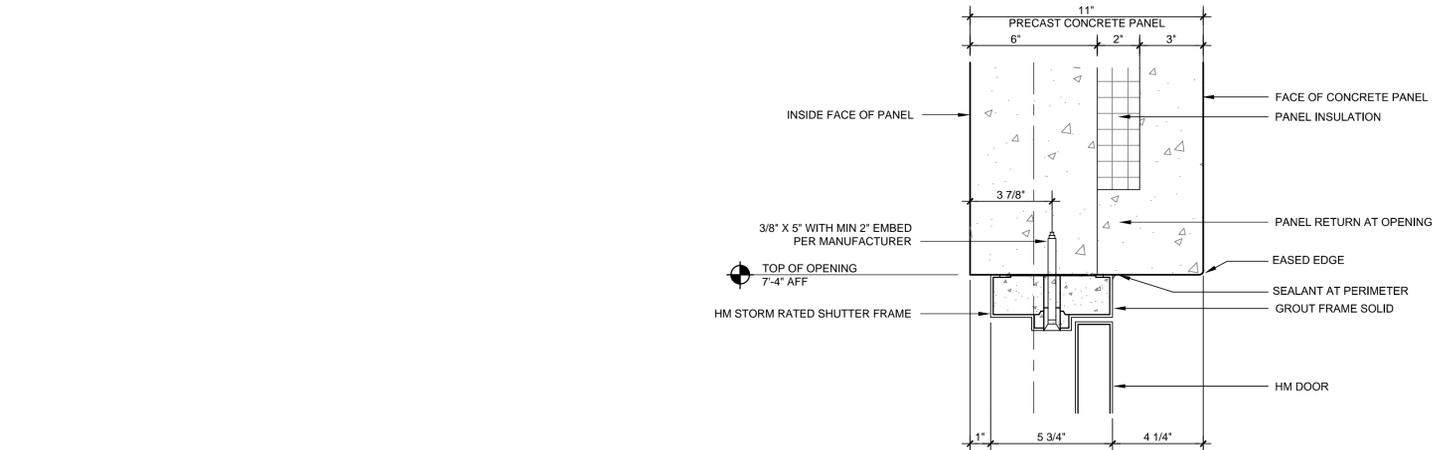
| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



1 INTERIOR DOOR - HEAD
3"= 1'-0"



4 INTERIOR DOOR - JAMB
3"= 1'-0"

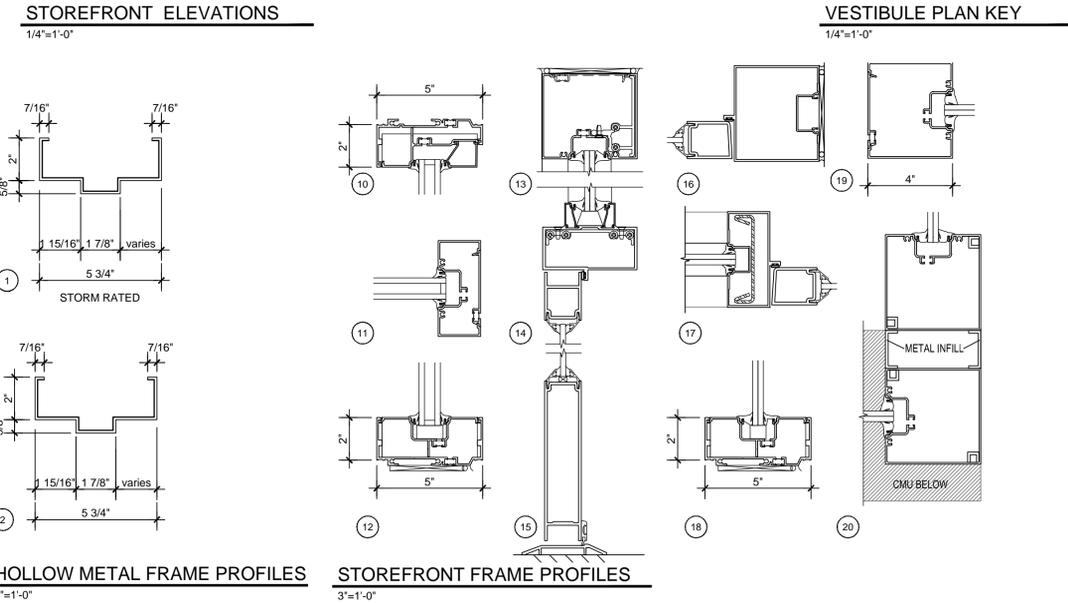
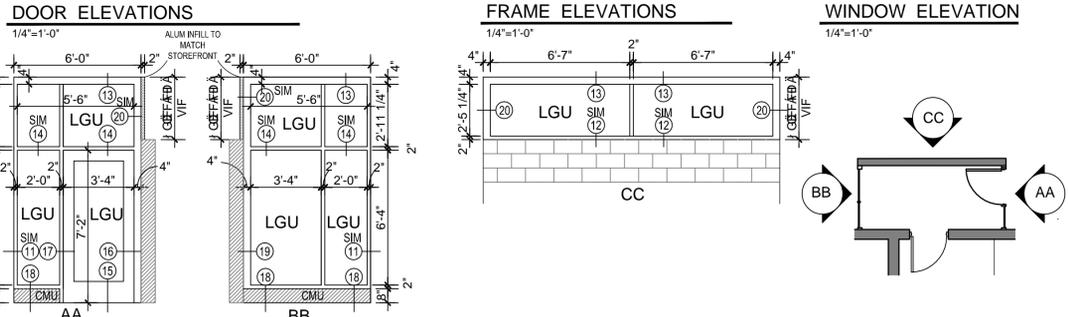
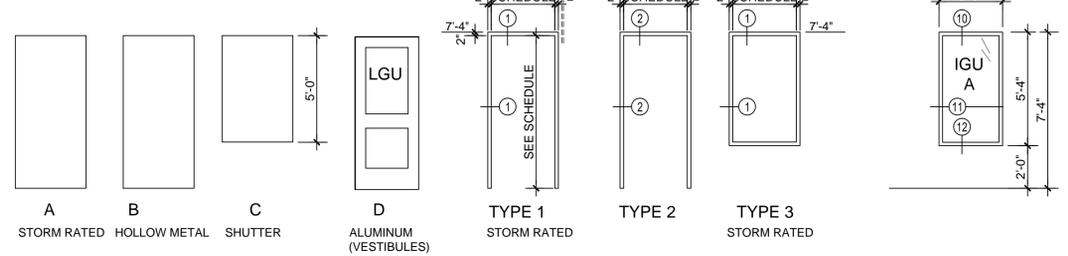


8 EXTERIOR DOOR
3"= 1'-0"

| DOOR NO. | DOOR | FRAME | | | | | | | | | | HARDWARE | | |
|------------|-----------------------|-------------------|------|-------|--------|-------|-------|------|-------|--------|-------------|----------------|------------------|-------|
| | | SIZE | TYPE | MAT'L | FINISH | GLASS | LABEL | TYPE | MAT'L | FINISH | HEAD DETAIL | | JAMB/SILL DETAIL | NOTES |
| 101A | SAFEROOM | 3'-4" X 7'-2" | A | GALV | PAINT | NA | NA | 1 | GALV | PAINT | 8 / A601 | 9 / A502 | | # 2 |
| 101B | SAFEROOM | 3'-4" X 7'-2" | A | GALV | PAINT | NA | NA | 1 | GALV | PAINT | 8 / A601 | 9 / A502 | ELECTRIFIED | # 1 |
| 101C | SAFEROOM | 3'-4" X 7'-2" | A | GALV | PAINT | NA | NA | 1 | GALV | PAINT | 8 / A601 | 9 / A502 | | # 2 |
| 101D | SAFEROOM | 3'-4" X 7'-2" | A | GALV | PAINT | NA | NA | 1 | GALV | PAINT | 8 / A601 | 9 / A502 | | # 2 |
| 101E, F, G | SAFEROOM | 2'-6" X 5'-0" | C | HM | PAINT | IGU | NA | 3 | HM | PAINT | 2 / A601 | 5 / A601 | SHUTTER | # 7 |
| 101H, J, K | SAFEROOM | 2'-6" X 5'-0" | C | HM | PAINT | IGU | NA | 3 | HM | PAINT | 2 / A601 | 5 / A601 | SHUTTER | # 7 |
| 101L, M, N | SAFEROOM | 2'-6" X 5'-0" | C | HM | PAINT | IGU | NA | 3 | HM | PAINT | 2 / A601 | 5 / A601 | SHUTTER | # 7 |
| 101P,R,S,T | SAFEROOM (VESTIBULES) | 3'-4" X 7'-2" | D | ALUM | | LGU | | AA | ALUM | | 14 / A601 | 15,16,17/ A601 | 4 | # 8 |
| 102A | WOMEN'S TOILET | 3'-0" X 7'-2" | B | HM | PAINT | NA | NA | 2 | HM | PAINT | 1 / A601 | 4 / A601 | | # 4 |
| 103A | MEN'S TOILET | 3'-0" X 7'-2" | B | HM | PAINT | NA | NA | 2 | HM | PAINT | 1 / A601 | 4 / A601 | | # 4 |
| 104A | MECHANICAL | 3'-0" X 7'-2" | B | HM | PAINT | NA | NA | 2 | HM | PAINT | 1 / A601 | 4 / A601 | | # 6 |
| 104B | MECHANICAL | 3'-0" X 7'-2" | A | HM | GALV | NA | NA | 1 | GALV | PAINT | 8 / A601 | 7 / A502 | | # 3 |
| 105A | JANITOR | 3'-0" X 7'-2" | B | HM | PAINT | NA | NA | 2 | HM | PAINT | 1 / A601 | 4 / A601 | | # 6 |
| 106A-B | SAFEROOM STOR | (2) 3'-6" X 7'-2" | B | HM | PAINT | NA | NA | 2 | HM | PAINT | 1 / A601 | 4 / A601 | | # 5 |
| 107A-B | STORAGE | (2) 3'-6" X 7'-2" | B | HM | PAINT | NA | NA | 2 | HM | PAINT | 1 / A601 | 4 / A601 | | # 5 |
| 108 A | CHASE | 3'-0" X 7'-2" | B | HM | PAINT | NA | NA | 2 | HM | PAINT | 1 / A601 | 4 / A601 | | # 6 |

- SPECIFIC DOOR SCHEDULE NOTES:**
- PROVIDE CONDUIT WITHIN DOOR TO ACCOMMODATE REMOTE ENTRANCE SIGNAL. COORDINATE WITH ELECTRICAL AND HARDWARE
 - INSULATED HOLLOW METAL DOOR AND FRAME AT EXTERIOR
 - 3/4" DOOR UNDERCUT AT INTERIOR DOORS
 - SEE ELEVATIONS AA, BB, CC AND GLASS TYPES
- HARDWARE NOTES:**
- CONTRACTOR TO PROVIDE CYLINDER.
 - CYLINDER SHALL BE KEYPED TO CITY/PARKS MASTER SYSTEM. SCHLAGE - COORDINATE WITH OWNER
 - EXTERIOR DOORS TO HAVE WEATHER STRIPPING AND THRESHOLDS
- GLASS TYPES AND ABBREVIATIONS:**
- | | |
|------|----------------------|
| ALUM | ALUMINUM |
| IGU | INSULATED GLASS UNIT |
| GALV | GALVANIZED |
| HM | HOLLOW METAL |
| LGU | LAMINATED GLASS UNIT |

- GENERAL DOOR SCHEDULE NOTES:**
- REFER TO ROOM FINISH SCHEDULE FOR PAINT COLORS.
 - COORDINATE KEY WITH OWNER.
 - REFER TO FLOOR PLANS FOR PARTITION TYPES



HOLLOW METAL FRAME PROFILES 3"=1'-0" STOREFRONT FRAME PROFILES 3"=1'-0"



| ROOM FINISH SCHEDULE | | | | | | | | | | |
|----------------------|----------------|--------|------|-------------|-------------|-------------|------------|------------|----------------|--------------|
| ROOM # | ROOM NAME | FLOOR | BASE | WALL - N | WALL - E | WALL - S | WALL - W | CEILING | CEILING HEIGHT | REMARKS |
| 101 | SAFEROOM | SEALED | - | PNT-1/PNT-3 | PNT-1/PNT-3 | PNT-1/PNT-3 | PNT-1 | APC TYPE 1 | 10'-6" | TILE AT D.F. |
| 102 | WOMEN'S TOILET | CT-2 | CT-2 | CT-1/PNT-1 | PNT-1 | PNT-1 | PNT-1 | APC TYPE 1 | 9'-0" | |
| 103 | MEN'S TOILET | CT-2 | CT-2 | PNT-1 | PNT-1 | CT-1/PNT-1 | PNT-1 | APC TYPE 1 | 9'-0" | |
| 104 | MECHANICAL | SEALED | - | PNT-1 | PNT-1 | PNT-1 | PNT-1 | PNT-2 | EXPOSED | |
| 105 | JANITOR | SEALED | - | PNT-1 | PNT-1 | CT-1/PNT-1 | CT-1/PNT-1 | PNT-2 | EXPOSED | TILE AT SINK |
| 106 | SAFEROOM STOR | SEALED | - | PNT-1 | PNT-1 | PNT-1 | PNT-1 | PNT-2 | EXPOSED | |
| 107 | PARKS STORAGE | SEALED | - | PNT-1 | PNT-1 | PNT-1 | PNT-1 | PNT-2 | EXPOSED | |
| 108 | CHASE | SEALED | - | - | - | - | - | - | EXPOSED | |

FINISH PLAN NOTES:

- REFER TO ENLARGED TOILET ROOM PLANS AND ELEVATIONS.
- EXPOSED CEILING HEIGHT REFERS TO PRECAST STRUCTURAL PLANKS
- PREP AND PAINT EXTERIOR STEEL COLUMNS, PLATES AND WELD CONNECTIONS

FINISH SPECIFIC PLAN NOTES:

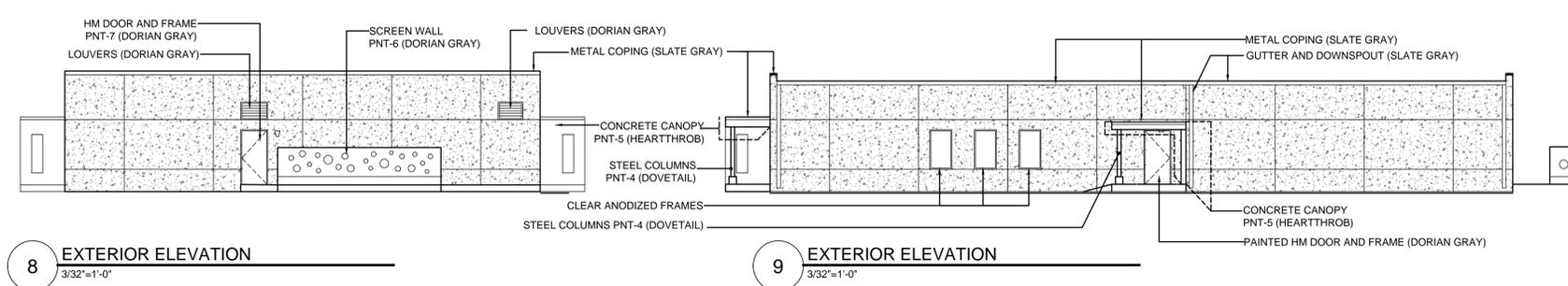
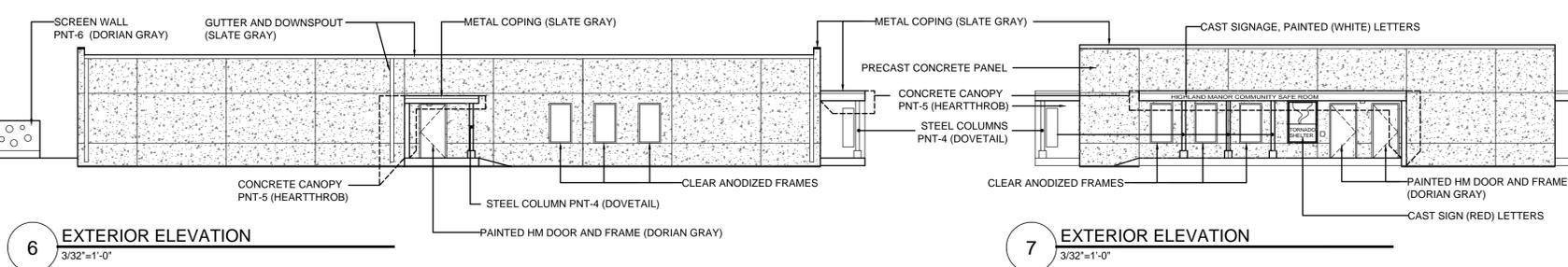
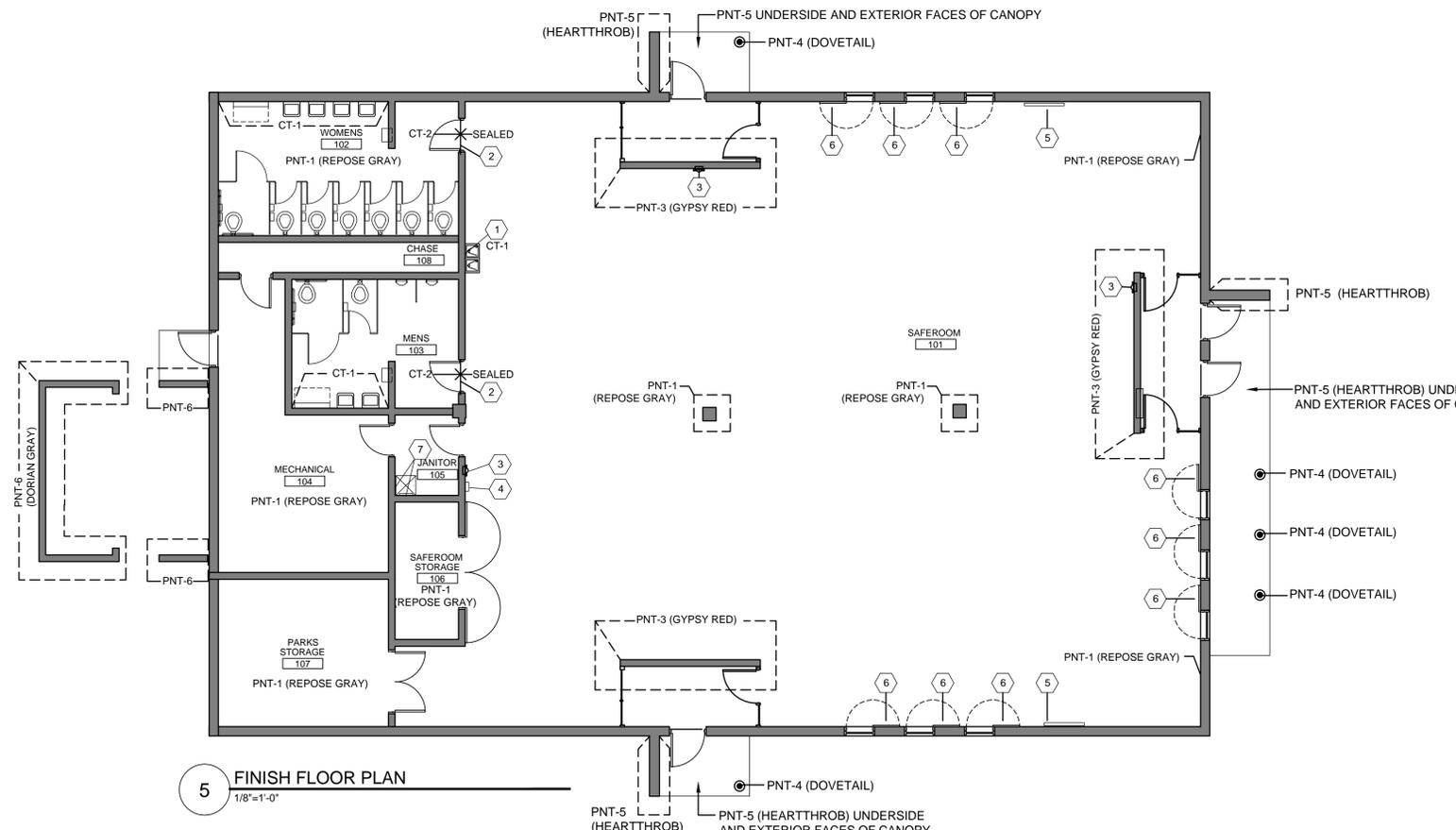
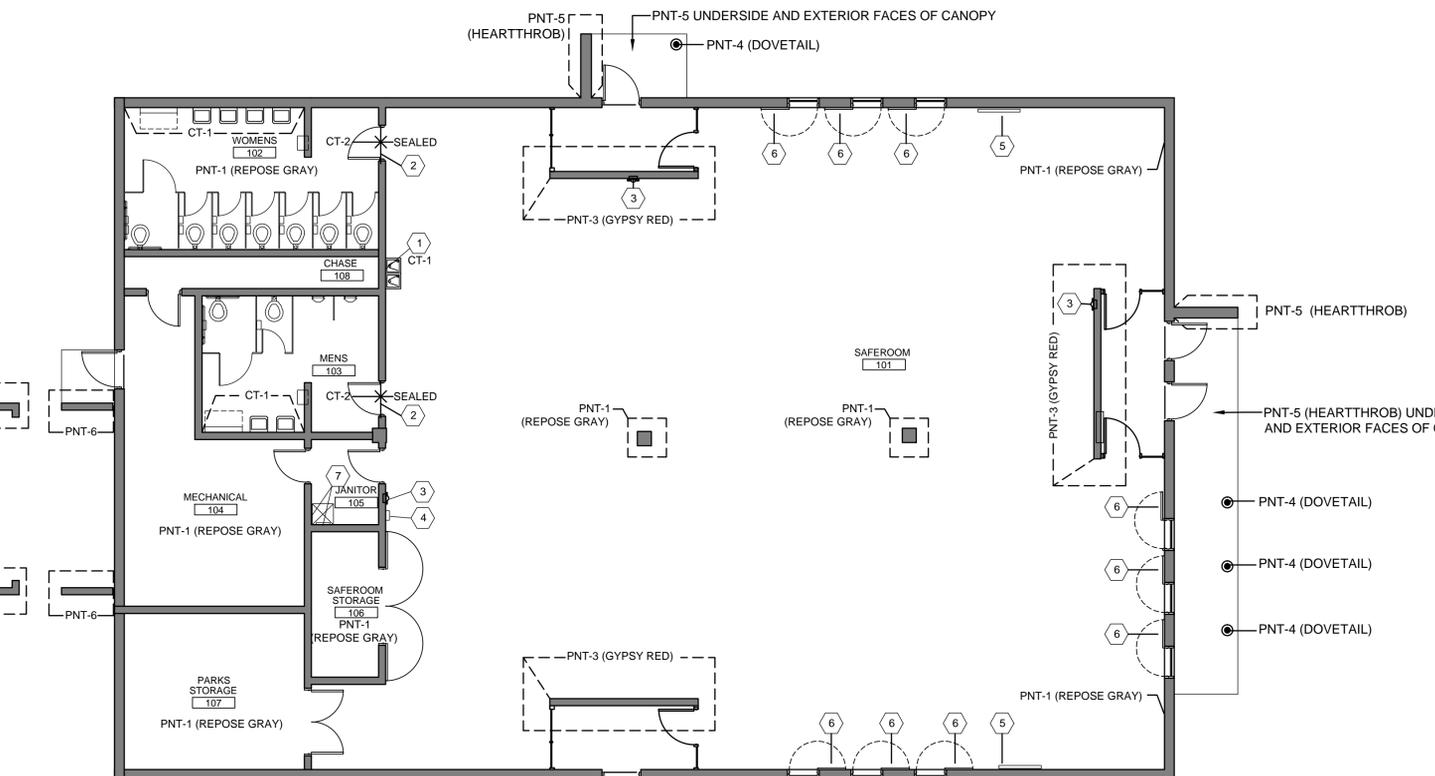
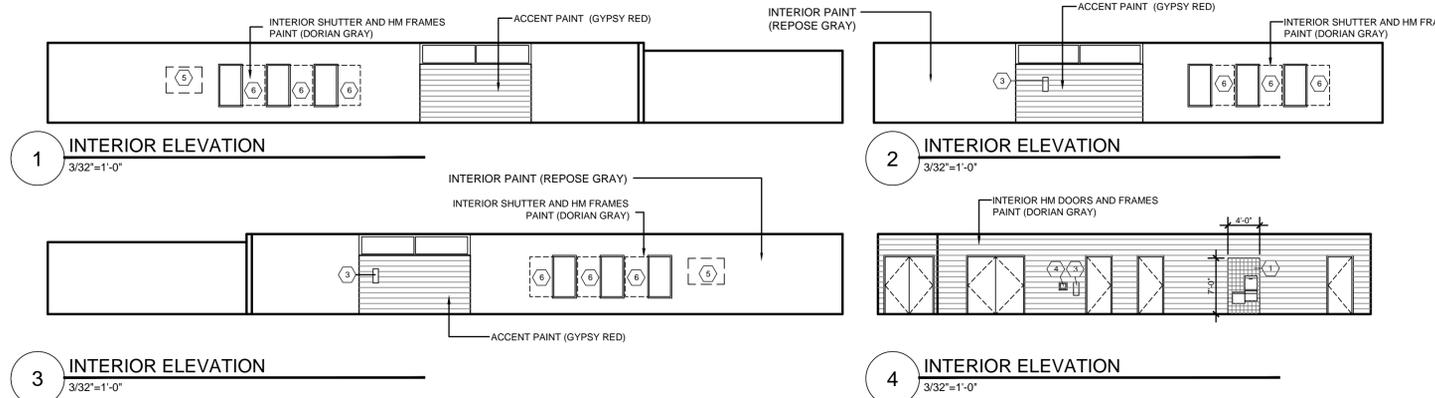
- WALL TILE AT DRINKING FOUNTAIN - FULL TILE SIZES, BULL NOSE EDGES
- STAINLESS STEEL TRANSITION STRIP
- FIRE EXTINGUISHER CABINET
- DEFIBRILLATOR - PROVIDED BY OWNER
- TELEVISION MONITOR - PROVIDE BY OWNER
- STORM SHUTTER - REFER TO DOOR SCHEDULE AND ELEVATIONS
- WALL TILE AT JANITOR'S SINK - FULL TILE SIZES, BULL NOTES EDGES

GENERAL ROOM FINISH NOTES:

- REFER TO REFLECTED CEILING PLAN FOR CEILING TYPES, HEIGHTS,
- CERAMIC TILE AT MOP SINK. REFER TO INTERIOR ELEVATIONS - A401
- CERAMIC TILE AT DRINKING FOUNTAINS
- PROVIDE STAINLESS STEEL TRANSITION STRIP BETWEEN DISSIMILAR FLOOR FINISHES.
- PAINT EXPOSED CONDUITS AND BOXES TO MATCH WALL COLOR
- BLOCK FILLER ON ALL INTERIOR CONCRETE SURFACES
- BLOCK FILLER AND PAINT INTERIOR CONCRETE COLUMNS
- DO NOT PAINT CONCRETE FOUNDATION SYSTEM ON BUILDING OR SCREEN WALL
- PROVIDE FULL RANGE OF COLOR SELECTIONS FOR ARCHITECT COLOR SELECTION

ROOM FINISH LEGEND:

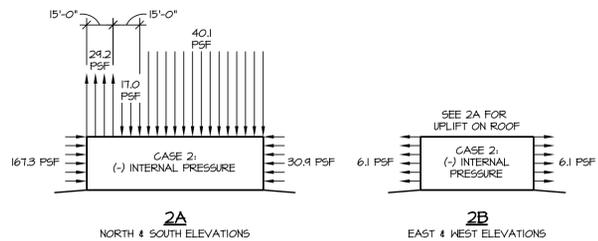
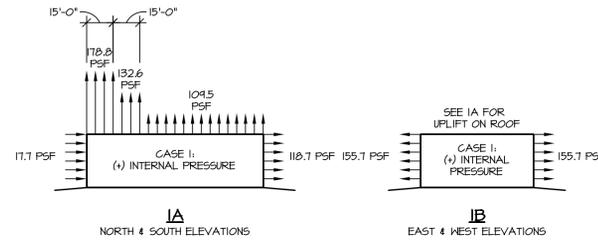
| | | | |
|-------------|---|-------------------------|---|
| FLOOR | SEALED CONCRETE: | SEALED: | CLEAR SEALER ON CONCRETE |
| | CERAMIC TILE | CT-2 | 2X2 MOSAIC PORCELAIN FLOOR TILES WITH INTEGRAL COVE DAL-TILE COLOR: SUEDE GRAY SPECKLE - D208 GROUT: GROUT TO MATCH TILE DARK COLOR BODY START WITH FULL TILE ABOVE COVE BASE, CUT TILES ABOVE CEILING |
| WALL | CERAMIC TILE | CT-1: | 6X6 GLAZED WALL TILE DAL-TILE COLOR: ARCTIC WHITE - 0100 GROUT: COLOR TO MATCH TILE COLOR |
| | PAINT | PNT-1 PNT-3 | GENERAL WALL COLOR - COLOR: SW 7015 REPOSE GRAY ACCENT PAINT COLOR - COLOR SW 6865 GYPSY RED |
| BASE | CERAMIC TILE | CT-2 | 2X2 MOSAIC PORCELAIN TILES INTEGRAL COVE BASE DAL-TILE COLOR: SUEDE GRAY SPECKLE - D208 |
| CEILING | ACOUSTICAL PANEL CEILING PAINT EXPOSED STRUCTURE | APC-1 PNT-2 | 2' X4' CEILING PANELS AND GRID CEILING COLOR - 'CEILING WHITE' |
| EXTERIOR | COLUMNS CANOPY SCREEN WALL | PNT-4 PNT-5 PNT-6 | STEEL COLUMNS AND PLATES - COLOR: SW 7018 DOVETAIL BLOCK FILL / PAINT CONCRETE CANOPY - COLOR: SW 6866 HEARTTHROB BLOCK FILL / PAINT CONCRETE SCREEN WALL - COLOR: SW 7017 DORIAN GRAY |
| MISC. ITEMS | EXTERIOR HOLLOW METAL DOOR AND FRAMES: | PNT-7 | COLOR: SW 7017 DORIAN GRAY |
| | INTERIOR HM DOORS, FRAMES AND SHUTTERS | PNT-8 | COLOR: SW 7017 DORIAN GRAY |
| | METAL COPING/ GUTTER/ DOWNSPOUT | | COLOR: PAC-CLAD SLATE GRAY |
| | TRANSITION STRIP | | Stainless steel transition strip similar to Schluter -Schiene |
| | ALUMINUM WINDOW | WINDOW | CLEAR ANODIZED |
| | CERAMIC WALL TILE | CT-1 | 6X6 GLAZED WALL TILE , BULL NOSE END TILES |
| | JANITOR/DRINKING FOUNTAIN | CT-1 | DAL-TILE COLOR: ARCTIC WHITE - 0100 DIMENSIONS VARY - USE FULL TILES GROUT TO MATCH TILE COLOR |
| | PRECAST CONCRETE PANELS | | REFER TO SPEC SECTION 03 41 50 ACID-ETCHED / LIGHTLY EXPOSED AGGREGATE FINISH 50/50 BLEND WHITE AND GRAY CEMENT |
| | PRECAST CONCRETE CANOPY | | REFER TO SPEC SECTION 03 41 50 GRADE A FINISH - SMOOTH PAINTED SURFACE |



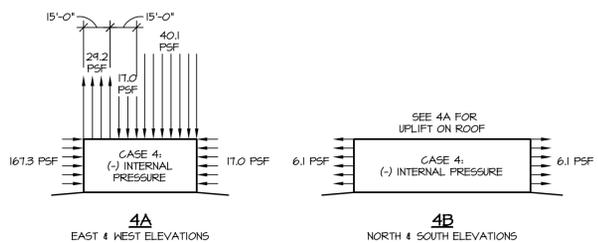
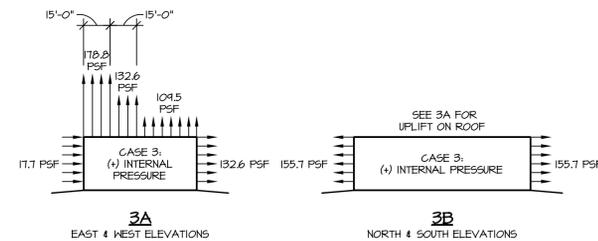


WIND PRESSURES FOR MAIN WIND FORCE RESISTING SYSTEM (MWFRS)

WIND BLOWING ON SHORT DIMENSION OF BUILDING



WIND BLOWING ON LONG DIMENSION OF BUILDING



- NOTES:**
1) WIND DIRECTION IS FROM LEFT TO RIGHT IN 1A, 2A, 3A & 4A
2) WIND DIRECTION IS INTO THIS SHEET IN 1B, 2B, 3B & 4B
3) SEE FEMA P-361 FOR ALLOWABLE CHANGES TO ASCE 7-05 LOAD COMBINATIONS WHEN USING THESE WIND LOADS.

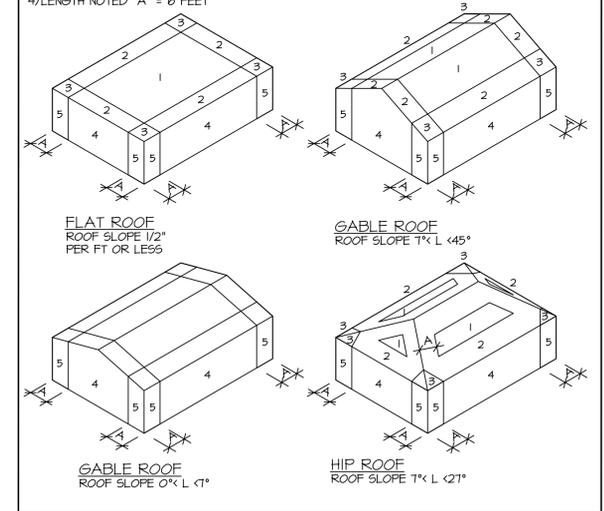
COMPONENTS AND CLADDING WIND PRESSURES (PSF)

| ZONE | WIND AREA (SF) | ROOF SLOPE | | ZONE | WIND AREA (SF) | WALLS | |
|------|----------------|------------|--------|------|----------------|-------|--------|
| | | 0° TO 7° | | | | (+) | (-) |
| | | (+) | (-) | | | | |
| 1 | 10 | 115.4 | -210.5 | 4 | 10 | 196.9 | -209.2 |
| 1 | 20 | 111.4 | -206.4 | 4 | 20 | 190.4 | -202.7 |
| 1 | 50 | 106.0 | -201.0 | 4 | 50 | 181.9 | -194.1 |
| 1 | 100 | 101.9 | -196.9 | 4 | 100 | 175.4 | -187.6 |
| 2 | 10 | 115.4 | -319.2 | 5 | 10 | 196.9 | -245.8 |
| 2 | 20 | 111.4 | -290.6 | 5 | 20 | 190.4 | -232.8 |
| 2 | 50 | 106.0 | -252.7 | 5 | 50 | 181.9 | -215.7 |
| 2 | 100 | 101.9 | -224.1 | 5 | 100 | 175.4 | -202.7 |
| 3 | 10 | 115.4 | -455.0 | | | | |
| 3 | 20 | 111.4 | -385.5 | | | | |
| 3 | 50 | 106.0 | -293.6 | | | | |
| 3 | 100 | 101.9 | -224.1 | | | | |

(-) WIND PRESSURE ON ROOF OVERHANGS

| LOCATION | WIND AREA (SF) | ROOF SLOPE | |
|----------|----------------|-------------|--------|
| | | 0° TO 7° | |
| | | ZONES 1 & 2 | ZONE 3 |
| OVERHANG | 10 | -230.9 | -380.3 |
| OVERHANG | 20 | -226.8 | -298.5 |
| OVERHANG | 50 | -221.4 | -190.4 |
| OVERHANG | 100 | -217.3 | -108.7 |

- NOTES:**
1) BASED ON ASCE 7-05 METHOD 2 - ANALYTICAL PROCEDURE, COMPONENTS AND CLADDING FOR BUILDING WITH h, < 60 FT FOR DESIGN WIND SPEED AND CRITERIA AS LISTED ELSEWHERE ON THIS SHEET, SOOI.
2) (+) = POSITIVE (INWARD) PRESSURE.
(-) = NEGATIVE (OUTWARD) PRESSURE.
SF = SQUARE FEET
3) FOR EFFECTIVE MEMBER AREAS NOT SPECIFICALLY LISTED, INTERPOLATE OR USE LARGEST VALUE OF WIND PRESSURE/SUCTION NOTED. DO NOT USE 1/3 STRESS INCREASE FOR MEMBER DESIGN WITH VALUES NOTED IN THIS TABLE.
4) LENGTH NOTED "A" = 6 FEET

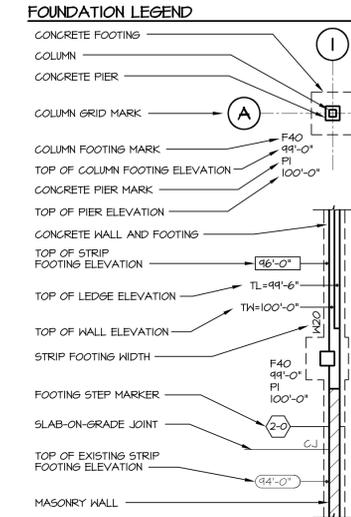




| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

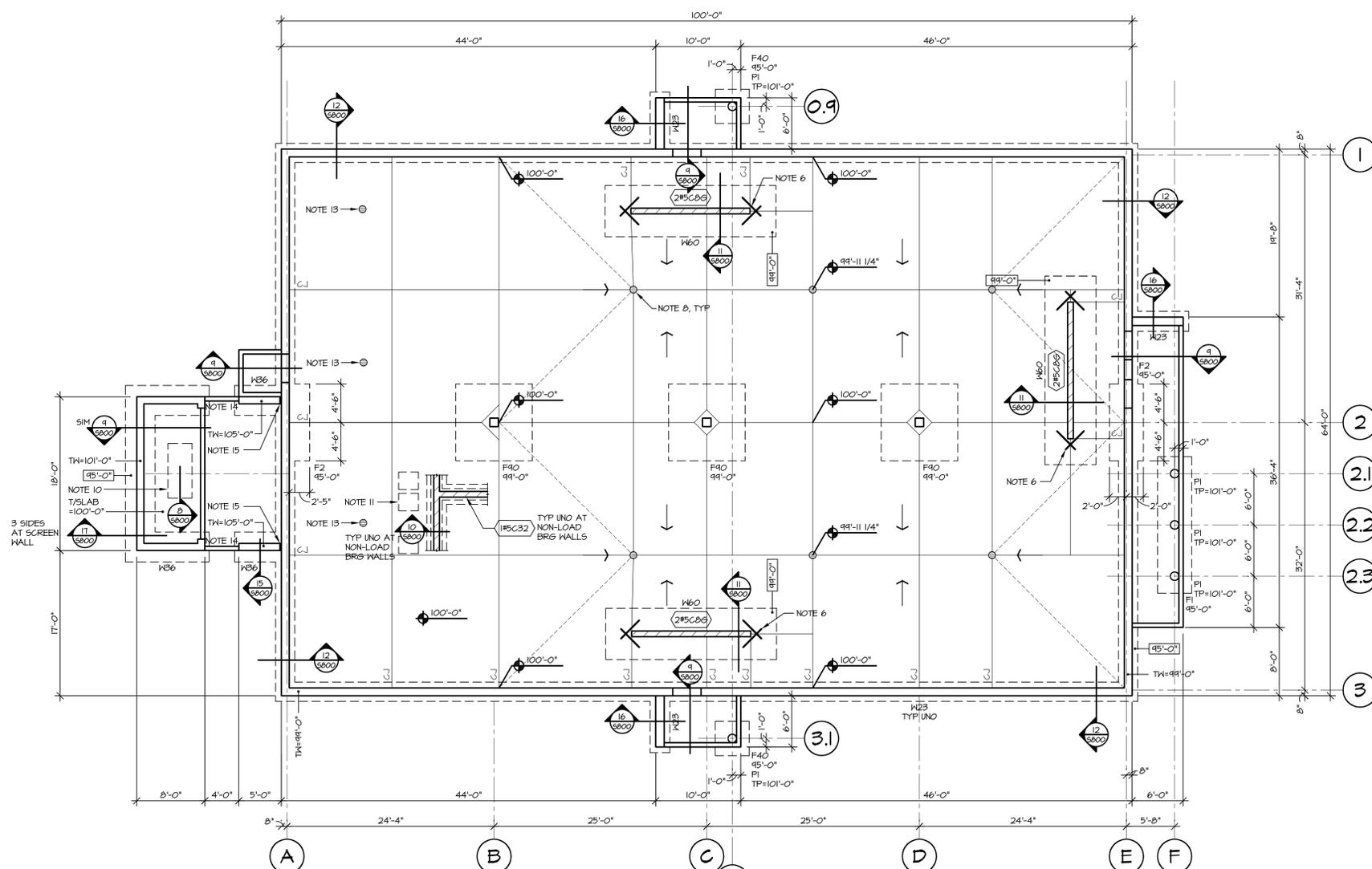
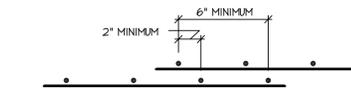
| FOOTING SCHEDULE | | | |
|------------------|--------------------|--|------------------|
| MARK | FOOTING DIMENSIONS | FOOTING REINFORCEMENT (SEE NOTES 1 AND 2) | REMARKS |
| W23 | 2'-3"x12"xCONT | (2) #5 CONT LONG #5 VERT DWLS AT 18" OC | SEE 12/5800, TYP |
| W36 | 3'-6"x12"xCONT | (5) #4 CONT LH #4 AT 8" OC SW | |
| W60 | 6'-0"x15"xCONT | #5 AT 8" OC SW (8) #5 LH | SEE 11/5800 |
| F1 | 16'-0"x4'-0"x12" | (8) #4 EH T4B | |
| F2 | 9'-0"x4'-0"x18" | (15) #5 SW T4B, (8) #4 LH T4B | |
| F40 | 4'-0"x4'-0"x12" | (8) #4 EH T4B | |
| F40 | 9'-0"x9'-0"x21" | (15) #5 EH T4B | |

NOTES:
1) B = BOTTOM, T = TOP, LH = LONG WAY, SW = SHORT WAY, EH = EACH WAY.
2) ALL REINFORCEMENT BARS TO BE BOTTOM BARS UNLESS NOTED OTHERWISE.



REINFORCEMENT NOTES

- 1) REINFORCEMENT SHALL BE DETAILED IN ACCORDANCE WITH ACI DETAILING MANUAL 318-66.
- 2) ALL LAPS SHALL BE CLASS 'B' PER ACI 318 UNLESS OTHERWISE NOTED ON THE DESIGN DRAWINGS OR UNLESS THE DETAILER TAKES SPECIAL CARE TO PROVIDE STAGGERED LAPS, USE TOP BAR LAP LENGTHS FOR ALL HORIZONTAL WALL BARS AND FOR TOP BARS IN SLABS AND BEAMS OVER 14" DEEP.
- 3) LAP LENGTH SHALL BE SPECIFICALLY NOTED ON PLACING DRAWINGS WHERE MORE THAN ONE BAR MAKES UP A CONTINUOUS STRING.
- 4) HORIZONTAL BARS, EXCEPT FOR CONTINUOUS STRINGS FROM ONE CORNER OR AN OPENING TO ANOTHER, SHALL BE DETAILED TO SHOW THE DISTANCE FROM AT LEAST ONE END OF THE BAR TO THE NEAREST BUILDING GRID LINE OF WALL.
- 5) PLAIN WELDED WIRE FABRIC SHALL BE LAPPED AND/OR ANCHORED TO DEVELOP f_y PER ACI 318.

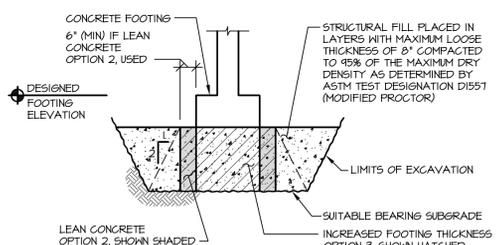


1 FOUNDATION PLAN

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

- NOTES:
- 1) FINISH SLAB ELEVATION = 100'-0" LOCAL DATUM AT LOCATIONS INDICATED ON PLAN, WITH SLAB SLOPED DOWN TO FLOOR DRAINS, TYP. TOP OF FOOTING ELEVATION = 45'-0" UNLESS NOTED OTHERWISE.
 - 2) SLAB-ON-GRADE TO BE 5 1/2" THICK AT HIGH POINTS, TAPERING DOWN TO 4 3/4" MINIMUM AT LOW POINTS PER SLOPES INDICATED. REINFORCE WITH #4 @ 12" ON 15" MIL VAPOR BARRIER ON 6" COMPACTED, FREELY DRAINING GRANULAR BASE COURSE.
 - 3) TYPICAL WHERE SLAB-ON-GRADE ABUTS WALL OR COLUMN, PROVIDE 1/4" x (50G DEPTH) ISOLATION FILLER STRIP. SET STRIP 1/2" BELOW FINISH SLAB ELEVATION.
 - 4) OVER-EXCAVATION PER DETAIL 2/5201 MAY BE REQUIRED TO REMOVE EXISTING UNDOCUMENTED FILL AND UNSUITABLE BEARING SOIL.
 - 5) SEE DETAIL 3/5201 FOR TYPICAL FOUNDATION WALL DRAINAGE AND BACKFILL.
 - 6) (2) #4x3'-0" ACROSS CORNERS AT END OF WALLS, TYPICAL.
 - 7) TYPICAL DETAILS THAT APPLY TO PLAN INCLUDE:
1/5800 SLAB-ON-GRADE JOINT DETAIL
2/5800 CONCRETE WALL JOINT DETAIL
3/5800 CORNER REINFORCEMENT DETAIL
4/5800 CORNER REINFORCEMENT DETAIL
5/5800 ADDED REINFORCEMENT AT SLAB OPENINGS
6/5800 PIPE PASSING UNDER CONTINUOUS WALL FOOTING
9/5800 STOOP DETAIL

- 8) FLOOR DRAIN SEE 5/5800 FOR ADDITIONAL REINFORCEMENT REQUIRED. SEE PLUMBING DRAWINGS FOR ADDITIONAL FLOOR DRAINS AT RESTROOMS AND MECHANICAL ROOMS NOT SHOWN.
- 9) PROVIDE 3 1/2" THICK HOUSEKEEPING PAD UNDER WATER SOFTENER. COORDINATE WITH PLUMBING.
- 10) GENERATOR EQUIPMENT PAD. COORDINATE WITH ELECTRICAL DRAWINGS.
- 11) PROVIDE STEEL FRAME STANDS AT FURNACE PER DETAIL 12/5801. VERIFY SIZE AND LOCATION(S) WITH HVAC DRAWINGS.
- 12) APPROVED SLEEVES, CONDUITS OR PIPES THROUGH SLABS AND WALLS SHALL BE FLAGGED SO THAT THEY ARE NO CLOSER THAN (3) DIAMETERS ON CENTER AND THEY DO NOT DISPLACE REINFORCEMENT.
- 13) PROVIDE SLOPE DOWN TO FLOOR DRAIN USING PRE-FORMED 'DISH' UNIT.
- 14) 6" CONCRETE WALL SIMILAR TO DTL 9/5800.
- 15) 1" GAP BETWEEN CAST-IN-PLACE WALL AND PRECAST WALL PANEL ABOVE ELEVATION = 94'-0".



NOTE:
CONTRACTOR AT HIS/HER OPTION MAY ELIMINATE STRUCTURAL FILL BY:
1. LOWERING DESIGNED FOOTING ELEVATION SO THAT FOOTING RESTS DIRECTLY ON SUITABLE BEARING SUBGRADE
2. PROVIDE LEAN CONCRETE (FC = 1,000 PSI MIN) UNDER THE FOOTING AS SHOWN HATCHED ABOVE.
3. INCREASING FOOTING THICKNESS TO REACH SUITABLE BEARING SUBGRADE.
THIS DETAIL APPLIES ONLY AT THOSE LOCATIONS WHERE GEOTECHNICAL ENGINEER DEEMS SOILS AT DESIGN FOOTING ELEVATIONS INADEQUATE FOR FOOTING SUPPORT. WHERE THIS WORK IS REQUIRED, CONTRACTOR WILL BE COMPENSATED ON A PRE-ESTABLISHED UNIT COST AGREED UPON BY THE CONTRACTOR, ARCHITECT/ENGINEER AND OWNER.

2 OVER-EXCAVATION DETAIL
SCALE: NONE



| REVISION | DATE |
|----------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

WATER SUPPLY CALCULATIONS

INFORMATION NEEDED FOR WATER SERVICE SIZING

1. 66 DEMAND OF BUILDING IN GALLONS PER MINUTE.
 2. 90 LOW PRESSURE AT MAIN IN STREET.
 3. 10' DIFFERENCE IN ELEVATION FROM MAIN TO METER.
 4. 2" SIZE OF WATER METER (IF APPLICABLE).
 5. 125 DEVELOPED LENGTH FROM MAIN TO METER.
- YOU MUST FIRST FIND THE AVAILABLE PRESSURE AFTER THE WATER METER TO OBTAIN THIS PRESSURE, YOU MUST:
6. 5 FIND PRESSURE LOSS DUE TO FRICTION IN 2 INCH WATER SERVICE.
 7. 4.5 FIND PRESSURE LOSS DUE TO ELEVATION, MAIN TO METER. MULTIPLY THE DIFFERENCE IN ELEVATION BY 0.434 P.S.I./FT.
 8. 4 FIND PRESSURE LOSS DUE TO METER. (FROM MANUFACTURER OR AHWA).
 9. 16.5 SUBTRACT THE LOSS DUE TO FRICTION (STEP 6), LOSS DUE TO ELEVATION (STEP 7), AND LOSS DUE TO METER (STEP 8) FROM THE LOW MAIN PRESSURE THIS CALCULATION IS THE AVAILABLE PRESSURE AFTER THE WATER METER. THIS ANSWER IS ENTERED IN LINE B, BELOW.

INFORMATION NEEDED FOR WATER DISTRIBUTION SIZING

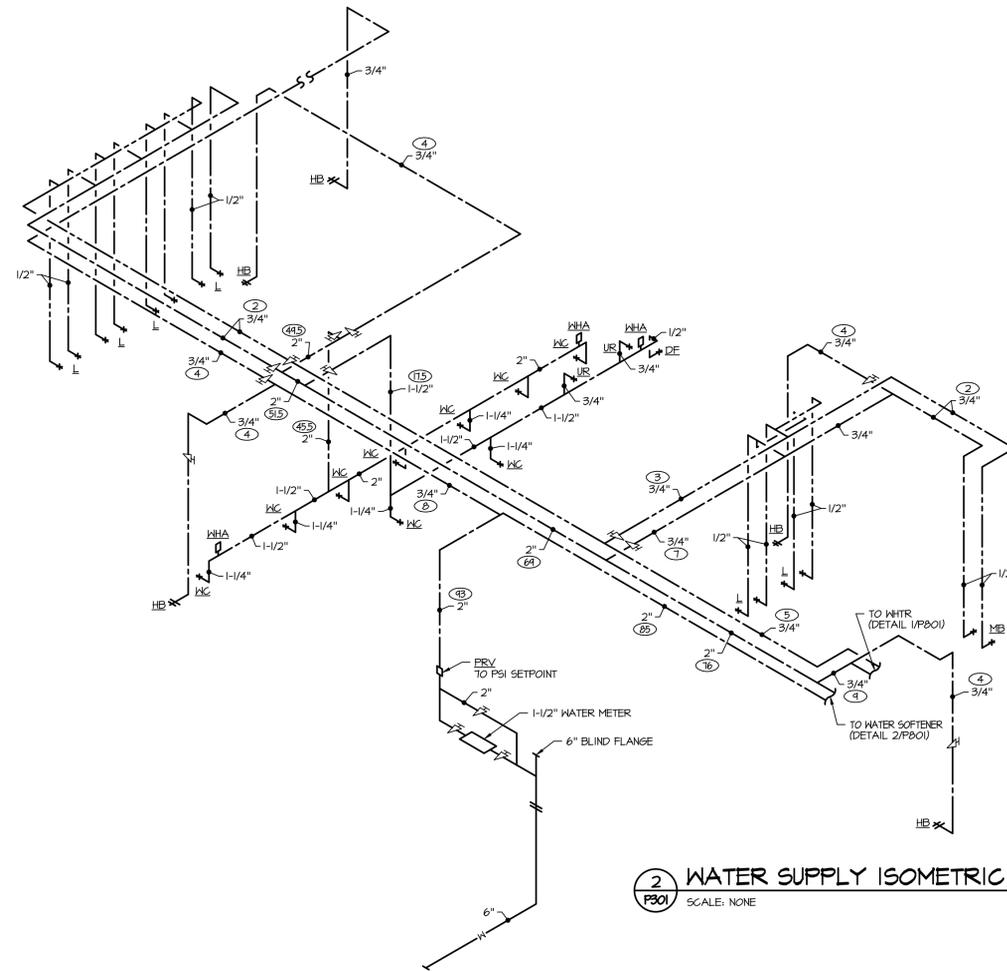
USING THE FOLLOWING FORMULA, FIND THE PRESSURE AVAILABLE FOR UNIFORM LOSS (PSI/100' OF PIPE)

$$A = \frac{B - (C + D + E) \times 100}{F}$$

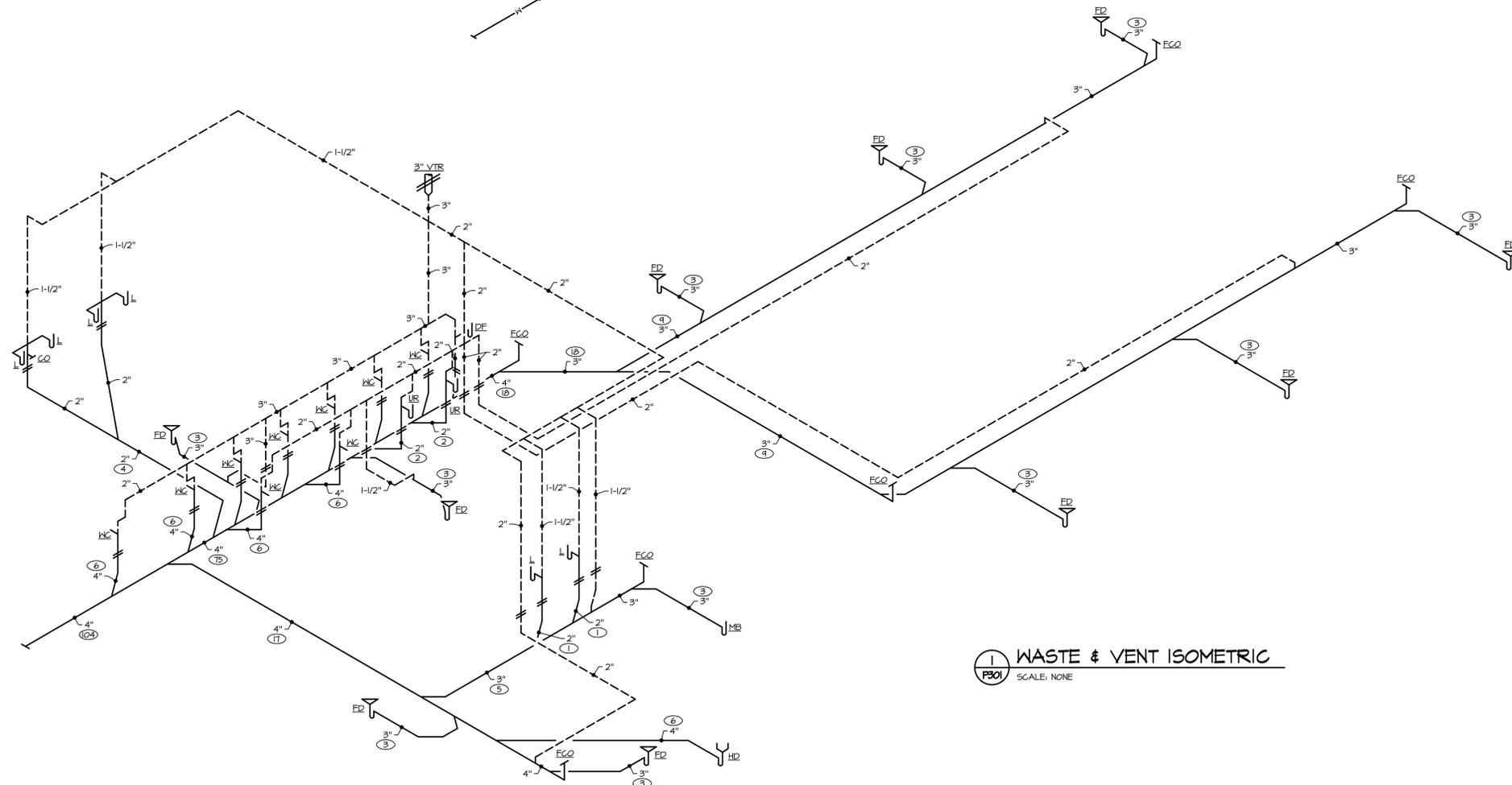
WHERE:

- A. 20 PRESSURE AVAILABLE FOR UNIFORM LOSS (PSI/100' OF PIPE).
- B. 70 AVAILABLE PRESSURE AFTER PRESSURE REDUCING VALVE.
- C. 25 PRESSURE NEEDED AT CONTROLLING FIXTURE.
- D. 0 DIFFERENCE IN ELEVATION BETWEEN WATER METER AND CONTROLLING FIXTURE IN FEET 0 X 0.434 PSI/FT.
- E. 15 PRESSURE LOSS DUE TO WATER SOFTENERS, WATER TREATMENT DEVICES, INSTANTANEOUS WATER HEATERS AND BACKFLOW PREVENTERS. CONVENTIONAL WATER HEATERS USUALLY DO NOT HAVE A PRESSURE LOSS.
- F. 150 DEVELOPED LENGTH FROM WATER METER TO CONTROLLING FIXTURE IN FEET 100 X 1.5.

WITH PRESSURE AVAILABLE FOR UNIFORM LOSS, GO TO APPLICABLE TABLE FOR DISTRIBUTION SIZING.



2 WATER SUPPLY ISOMETRIC
SCALE: NONE



1 WASTE & VENT ISOMETRIC
SCALE: NONE



CITY OF MADISON
Contract: 7343

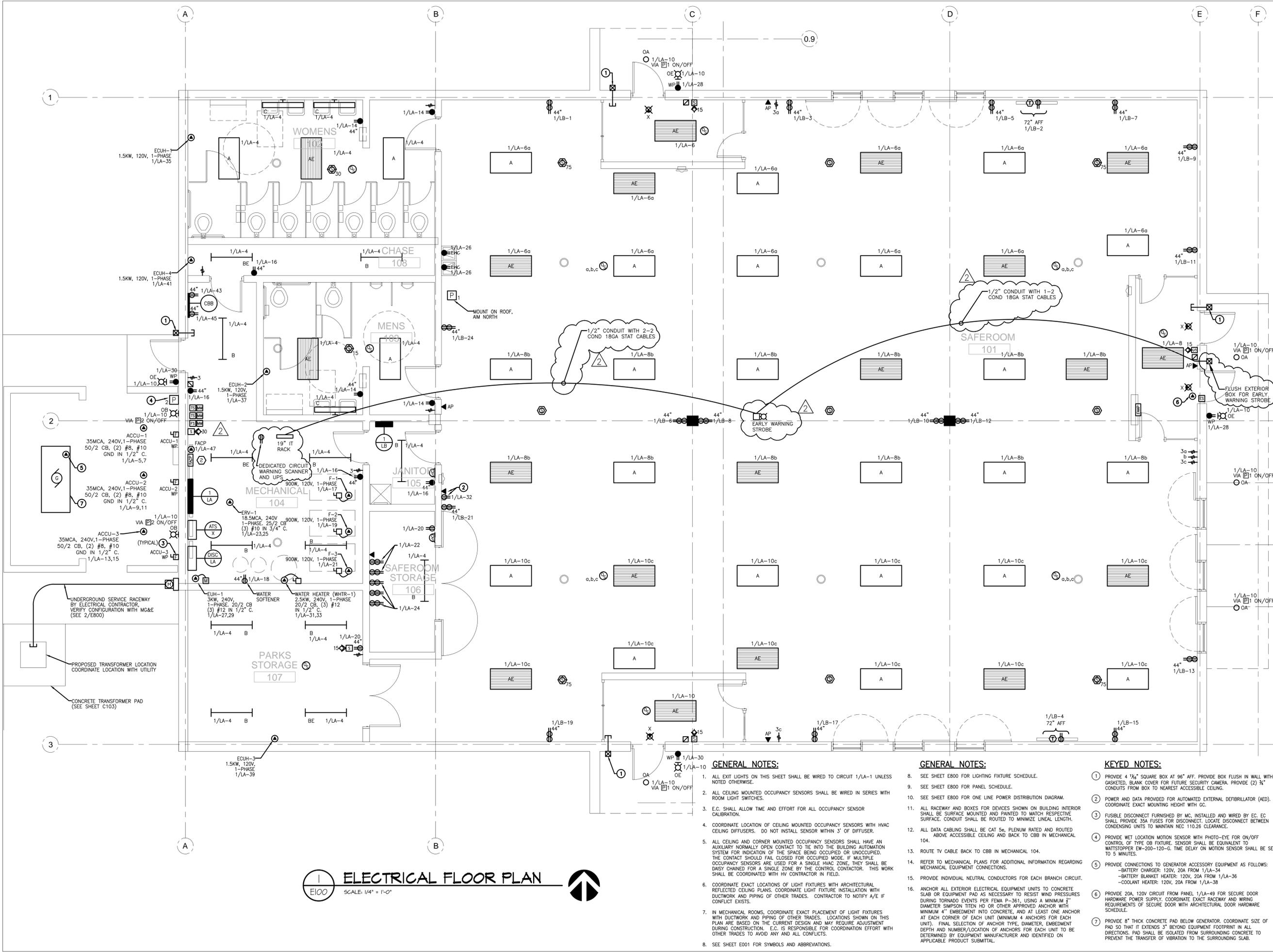
| REVISION | DATE |
|------------|---------|
| ADDENDUM 2 | 6-24-14 |

| | |
|------------|------|
| PROJECT NO | 1307 |
|------------|------|

| | |
|----------|---------------|
| SET TYPE | BID DOCUMENTS |
|----------|---------------|

| | |
|------|------------|
| DATE | 05-30-2014 |
|------|------------|

| | |
|--------------|------|
| SHEET NUMBER | E100 |
|--------------|------|



GENERAL NOTES:

1. ALL EXIT LIGHTS ON THIS SHEET SHALL BE WIRED TO CIRCUIT 1/LA-1 UNLESS NOTED OTHERWISE.
2. ALL CEILING MOUNTED OCCUPANCY SENSORS SHALL BE WIRED IN SERIES WITH ROOM LIGHT SWITCHES.
3. E.C. SHALL ALLOW TIME AND EFFORT FOR ALL OCCUPANCY SENSOR CALIBRATION.
4. COORDINATE LOCATION OF CEILING MOUNTED OCCUPANCY SENSORS WITH HVAC CEILING DIFFUSERS. DO NOT INSTALL SENSOR WITHIN 3' OF DIFFUSER.
5. ALL CEILING AND CORNER MOUNTED OCCUPANCY SENSORS SHALL HAVE AN AUXILIARY NORMALLY OPEN CONTACT TO TIE INTO THE BUILDING AUTOMATION SYSTEM FOR INDICATION OF THE SPACE BEING OCCUPIED OR UNOCCUPIED. THE CONTACT SHOULD FAIL CLOSED FOR OCCUPIED MODE. IF MULTIPLE OCCUPANCY SENSORS ARE USED FOR A SINGLE HVAC ZONE, THEY SHALL BE DAISY CHAINED FOR A SINGLE ZONE BY THE CONTROL CONTRACTOR. THIS WORK SHALL BE COORDINATED WITH HV CONTRACTOR IN FIELD.
6. COORDINATE EXACT LOCATIONS OF LIGHT FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLANS. COORDINATE LIGHT FIXTURE INSTALLATION WITH DUCTWORK AND PIPING OF OTHER TRADES. CONTRACTOR TO NOTIFY A/E IF CONFLICT EXISTS.
7. IN MECHANICAL ROOMS, COORDINATE EXACT PLACEMENT OF LIGHT FIXTURES WITH DUCTWORK AND PIPING OF OTHER TRADES. LOCATIONS SHOWN ON THIS PLAN ARE BASED ON THE CURRENT DESIGN AND MAY REQUIRE ADJUSTMENT DURING CONSTRUCTION. E.C. IS RESPONSIBLE FOR COORDINATION EFFORT WITH OTHER TRADES TO AVOID ANY AND ALL CONFLICTS.
8. SEE SHEET E001 FOR SYMBOLS AND ABBREVIATIONS.

GENERAL NOTES:

8. SEE SHEET E800 FOR LIGHTING FIXTURE SCHEDULE.
9. SEE SHEET E800 FOR PANEL SCHEDULE.
10. SEE SHEET E800 FOR ONE LINE POWER DISTRIBUTION DIAGRAM.
11. ALL RACEWAY AND BOXES FOR DEVICES SHOWN ON BUILDING INTERIOR SHALL BE SURFACE MOUNTED AND PAINTED TO MATCH RESPECTIVE SURFACE. CONDUIT SHALL BE ROUTED TO MINIMIZE LINEAL LENGTH.
12. ALL DATA CABLING SHALL BE CAT 5e, PLENUM RATED AND ROUTED ABOVE ACCESSIBLE CEILING AND BACK TO CBB IN MECHANICAL 104.
13. ROUTE TV CABLE BACK TO CBB IN MECHANICAL 104.
14. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING MECHANICAL EQUIPMENT CONNECTIONS.
15. PROVIDE INDIVIDUAL NEUTRAL CONDUCTORS FOR EACH BRANCH CIRCUIT.
16. ANCHOR ALL EXTERIOR ELECTRICAL EQUIPMENT UNITS TO CONCRETE SLAB OR EQUIPMENT PAD AS NECESSARY TO RESIST WIND PRESSURES DURING TORNADO EVENTS PER FEMA P-361, USING A MINIMUM 3/4" DIAMETER SIMPSON TITEN HD OR OTHER APPROVED ANCHOR WITH MINIMUM 4" EMBEDMENT INTO CONCRETE, AND AT LEAST ONE ANCHOR AT EACH CORNER OF EACH UNIT (MINIMUM 4 ANCHORS FOR EACH UNIT). FINAL SELECTION OF ANCHOR TYPE, DIAMETER, EMBEDMENT DEPTH AND NUMBER/LOCATION OF ANCHORS FOR EACH UNIT TO BE DETERMINED BY EQUIPMENT MANUFACTURER AND IDENTIFIED ON APPLICABLE PRODUCT SUBMITTAL.

KEYED NOTES:

1. PROVIDE 4 1/4" SQUARE BOX AT 96" AFF. PROVIDE BOX FLUSH IN WALL WITH GASKETED, BLANK COVER FOR FUTURE SECURITY CAMERA. PROVIDE (2) 3/4" CONDUITS FROM BOX TO NEAREST ACCESSIBLE CEILING.
2. POWER AND DATA PROVIDED FOR AUTOMATED EXTERNAL DEFIBRILLATOR (AED). COORDINATE EXACT MOUNTING HEIGHT WITH GC.
3. FUSIBLE DISCONNECT FURNISHED BY MC, INSTALLED AND WIRED BY EC. EC SHALL PROVIDE 35A FUSES FOR DISCONNECT. LOCATE DISCONNECT BETWEEN CONDENSING UNITS TO MAINTAIN NEC 110.26 CLEARANCE.
4. PROVIDE WET LOCATION MOTION SENSOR WITH PHOTO-EYE FOR ON/OFF CONTROL OF TYPE OB FIXTURE. SENSOR SHALL BE EQUIVALENT TO WATSTOPPER EW-200-120-G. TIME DELAY ON MOTION SENSOR SHALL BE SET TO 5 MINUTES.
5. PROVIDE CONNECTIONS TO GENERATOR ACCESSORY EQUIPMENT AS FOLLOWS:
- BATTERY CHARGER: 120V, 20A FROM 1/LA-34
- BATTERY BLANKET HEATER: 120V, 20A FROM 1/LA-36
- COOLANT HEATER: 120V, 20A FROM 1/LA-38
6. PROVIDE 20A, 120V CIRCUIT FROM PANEL 1/LA-49 FOR SECURE DOOR HARDWARE POWER SUPPLY. COORDINATE EXACT RACEWAY AND WIRING REQUIREMENTS OF SECURE DOOR WITH ARCHITECTURAL DOOR HARDWARE SCHEDULE.
7. PROVIDE 8" THICK CONCRETE PAD BELOW GENERATOR. COORDINATE SIZE OF PAD SO THAT IT EXTENDS 3" BEYOND EQUIPMENT FOOTPRINT IN ALL DIRECTIONS. PAD SHALL BE ISOLATED FROM SURROUNDING CONCRETE TO PREVENT THE TRANSFER OF VIBRATION TO THE SURROUNDING SLAB.

E100 ELECTRICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"



LIGHTING FIXTURE SCHEDULE

NOTE: SEE SPECIFICATIONS SECTIONS 26 51 13 & 26 56 29 FOR ADDITIONAL INFORMATION REGARDING LIGHTING FIXTURE AND INSTALLATION REQUIREMENTS. PROVIDE OPTIONS AND ACCESSORIES REFERENCED BY THE COLUMN TITLED "OPTIONS/ACCESSORIES". MANUFACTURERS LISTED AS ACCEPTABLE SHALL MEET ALL REQUIREMENTS AND FEATURES INDICATED. ACCEPTABLE MANUFACTURERS MUST MEET THE PHOTOMETRIC PERFORMANCE OF THE LISTED UNIT.

ABBREVIATIONS:
 DW = DRY WALL
 ES = EXPOSED STRUCTURE
 LG = LAY-IN GRID
 P = PENDANT
 PL = PLASTER
 R = RECESS
 S = SURFACE
 W = WALL MOUNTED
 V = VARIES

| DES. NO. | LAMP DATA | | DESCRIPTION | LIGHTING FIXTURE | | VOLT | BALLAST TYPE | MOUNT | CEILING TYPE | FIXTURE DEPTH | OPTIONS/ACCESSORIES | ACCEPTABLE MANUFACTURERS | SEE NOTE |
|----------|-----------|-----------------------|----------------------------------|------------------|----------------|------|--------------|-------|--------------|---------------|---|--------------------------|----------|
| | TYPE | TYPE | | MANUFACTURER | CATALOG SERIES | | | | | | | | |
| A | 2 | F32T8/XL/SPX41/XL/ECO | 2'X4' VOLUMETRIC TROFFER | LITHONIA | RT8 | 120 | A | R | LG | 3 3/16" | - | APPROVED EQUAL | - |
| AE | 2 | F32T8/XL/SPX41/XL/ECO | 2'X4' VOLUMETRIC TROFFER | LITHONIA | RT8 | 120 | A | R | LG | 3 3/16" | - | APPROVED EQUAL | 1 |
| B | 2 | F32T8/XL/SPX41/XL/ECO | 4' INDUSTRIAL STRIP - CHAIN HUNG | LITHONIA | AF | 120 | A | S | ES | 6 5/8" | - | APPROVED EQUAL | - |
| BE | 2 | F32T8/XL/SPX41/XL/ECO | 4' INDUSTRIAL STRIP - CHAIN HUNG | LITHONIA | AF | 120 | A | S | ES | 6 5/8" | - | APPROVED EQUAL | 1 |
| C | 1 | F32T8/XL/SPX41/XL/ECO | 4' WALL BRACKET | COOPER | BA | 120 | A | W | NA | 5 1/2" | - | APPROVED EQUAL | - |
| OA | - | LED W/ UNIT | LED SURFACE DOWNLIGHT | HALO | SLD405 830WH | 120 | - | S | CONC. | 4.1" | - | APPROVED EQUAL | - |
| OB | - | LED W/ UNIT | LED WALL PACK | RAB | WPLD105Y | 120 | - | S | CONC. | 4.1" | BRONZE | APPROVED EQUAL | 2 |
| OE | - | XENON W/ UNIT | EMERGENCY LIGHTING UNIT | LITHONIA | AFN | 120 | - | W | NA | 2 3/4" | - | APPROVED EQUAL | 2 |
| X | - | LED W/ UNIT | THERMOPLASTIC EXIT SIGN | LITHONIA | LDM S G | 120 | - | S | LG | 2" | NICKEL-CADMIUM BATTERY SELF DIAGNOSTICS | APPROVED EQUAL | - |

OPTIONS/ACCESSORIES CODE LISTING:

| | | |
|---|--|--|
| 01 AIR HANDLING CAPABILITY - RETURN AIR | 14 DAMP LOCATION CONSTRUCTION | 27 FURNISH WITH SYMMETRICAL REFLECTOR |
| 02 3" DEEP PARABOLIC LOUVERS | 15 STAINLESS STEEL TRIM & DOOR FRAME | 28 FURNISH WITH ASYMMETRICAL REFLECTOR |
| 03 4" DEEP PARABOLIC LOUVERS | 16 DIFFUSE (HAZE) CLEAR REFLECTOR | 29 PATTERN 12 ACRYLIC LENS - .125" MIN. THICKNESS |
| 04 SEMI-SPECULAR PARABOLIC LOUVER | 17 REFLECTOR COLOR OTHER THAN CLEAR | 30 PATTERN 12 ACRYLIC LENS - .156" MIN. THICKNESS |
| 05 LOW IRIDESCENT PARABOLIC LOUVER | 18 WHITE MILLIGROOVE BAFFLE | 31 PATTERN 12 ACRYLIC LENS - .187" MIN. THICKNESS |
| 06 FLAT ALUMINUM DOOR FRAME - MITERED CORNERS | 19 BLACK MILLIGROOVE BAFFLE | 32 FURNISH WITH SOLID FRONT |
| 07 REGRESSED ALUMINUM DOOR FRAME | 20 FURNISH WITH AUXILIARY QUARTZ RESTRIKE | 33 FURNISH WITH PHOTO CELL |
| 08 FLAT STEEL DOOR FRAME | 21 FURNISH WITH SLOPE ADAPTER - VERIFY SLOPE | 34 1/2" x 1/2" x 1/2" SILVER PARACUBE LOUVER |
| 09 SINGLE GASKETED DOOR FRAME | 22 FURNISH WITH AUXILIARY EMERGENCY BATTERY PACK | 35 WHITE STRAIGHT BLADE LOUVERS |
| 10 DOUBLE GASKETED DOOR FRAME | 23 FURNISH WITH WIRE GUARD | 36 FURNISH TRIM SUITABLE FOR USE WITH NARROW TEE CLG SUSPENSION SYST |
| 11 TRIPLE-GASKETED DOOR FRAME, LENS & BODY | 24 FURNISH CHAIN MOUNTING ACCESSORIES | 37 CUSTOM PAINTED FINISH - COLOR AS SELECTED BY ARCH. |
| 12 TRIPLE-GASKETED DOOR FRAME, LENS & BODY | 25 FURNISH WITH RIGID PENDANT STEMS | 38 FURNISH WITH DIMMABLE BALLAST |
| 13 ANTIMICROBIAL PROTECTION PAINTED FINISH | 26 FURNISH WITH SWIVEL CANOPY | 39 FURNISH WITH LOW TEMPERATURE -20° BALLAST |

BALLAST CODE LISTING: (SEE SPECIFICATION SECTION 26 51 13 FOR ADDITIONAL INFORMATION)

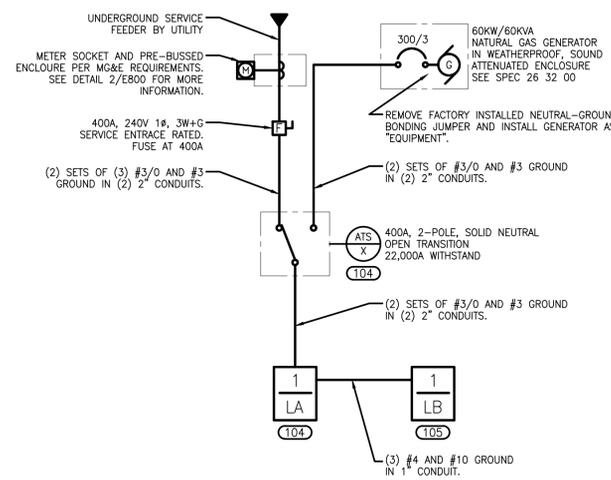
A T8 PROGRAM START, <10% THD, SYLVANIA QUICKTRONIC HIGH EFFICIENCY SERIES, HIGH BALLAST FACTOR 1.18 (MINIMUM), OR EQUAL BY ADVANCE OR UNIVERSAL.

GENERAL LIGHTING FIXTURE SCHEDULE NOTES:

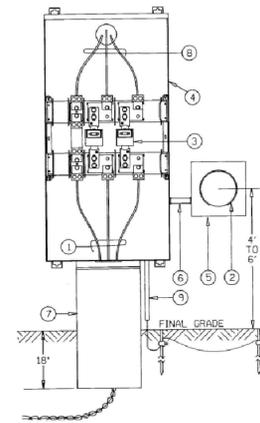
- EQUAL FIXTURES BY MANUFACTURER OTHER THAN THOSE LISTED IN THIS SCHEDULE WILL BE ACCEPTED SUBJECT TO A/E REVIEW AND APPROVAL PROCESS. ALL INTERESTED PARTIES SHALL SUBMIT THEIR CUT SHEET PACKAGE WITH EXACT FIXTURE CATALOG NUMBERS INCLUDING ALL ACCESSORIES A MINIMUM OF 10 DAYS BEFORE BIDS ARE DUE FOR REVIEW AND APPROVAL.
- ONLY BALLAST SERIES IS INDICATED ON THIS SCHEDULE. REFER TO SPECIFICATIONS SECTION 26 51 13 FOR FURTHER INFORMATION. EACH FIXTURE SUBMITTAL SHALL BE PROVIDED WITH FULL BALLAST AND LAMP INFORMATION.
- EACH FLUORESCENT FIXTURE SHALL BE SUPPLIED WITH QUICK DISCONNECTING MEANS FOR ALL BALLASTS AS REQUIRED BY NEC 410.73 AND AS MANUFACTURED BY THOMAS AND BETTS LD2 OR LD3 OR EQUAL.

LIGHTING FIXTURE SCHEDULE NOTES:

- PROVIDE FIXTURE WITH 3000 LUMEN EMERGENCY BALLAST.
- MOUNT FIXTURE 96" ABOVE FINISHED GRADE TO CENTER OF FIXTURE.



ONELINE DIAGRAM
SCALE: NONE



COM-12
COMMERCIAL METERING TRANSFORMER CABINET
SINGLE-PHASE, THREE-WIRE, 250-VOLTS OR LESS
400 TO 600 AMPERES
SINGLE-METER INSTALLATION ONLY
SEQUENCE: METER-SWITCH-FUSE
(Not to be Used in the Low-Voltage Network Area)

DRAWING COM-12
COMMERCIAL METERING TRANSFORMER CABINET
SINGLE-PHASE, THREE-WIRE, 250-VOLTS OR LESS
400 TO 600 AMPERES
SINGLE-METER INSTALLATION ONLY
SEQUENCE: METER-SWITCH-FUSE
(Not to be Used in the Low-Voltage Network Area)

- MGE Will Furnish:**
- Service conductors.
 - Electric meter.
 - Bar-type current transformers, installed by EC

Electrical Contractor Will Provide:

- MGE-approved prebussed-type enclosure with the proper number of termination lugs sized to accept 4/0 through 500 MCM AL/CU. (See Table 4.)
- MGE-approved transformer rated meter socket. (See Table 3A.)
- One-inch rigid conduit for meter wiring.
- MGE-approved underground service raceway (12"x12"x24")
 - (1) Four-inch service conduit may be substituted for the raceway.
- Conduit and wire to main distribution panel.
 - MGE conductors enter the bottom of the cabinet, the customer's conductors must exit the cabinet above the load-side termination lugs.
- Ground in accordance with applicable electrical codes.

1-LA VOLTAGE : 120/240 VOLTS SINGLE PHASE, 3 WIRE CB OPT: ST - SHUNT TRIP 22KA AIC RATING
 BUS RATING : 400 AMPS AF - ARC FAULT CIRCUIT INTERRUPTER GF - GROUND FAULT CIRCUIT INTERRUPTER SPECIAL OPTIONS: SURFACE MOUNTED
 MAIN : 400A MCB BRANCHTYPE: NORMAL BRANCH

| LOAD TYPE | LOAD (VA) | C N K O T | LOAD SERVED | CB | | | C O P H A S E C O B P P | | | LOAD SERVED | C N K O T | LOAD (VA) | LOAD TYPE |
|------------|-----------|-----------|-------------------|--------|---|---|-------------------------|------|----------------------|-------------|-----------|------------|-----------|
| | | | | AMP/FP | T | A | B | T | AMP/FP | | | | |
| SUBFEED | 3380 | 1 | 14LB | 60/2 | - | A | B | 20/1 | Exit Lights | 2 | 20 | LIGHTING | |
| SUBFEED | 3380 | 3 | 14LB | - | - | A | B | 20/1 | RSTRMS, MECH, STRGE | 4 | 1080 | LIGHTING | |
| MISC | 4200 | 5 | ACCU-1 | 50/2 | - | A | B | 20/1 | SAFEROOM NORTH | 6 | 750 | LIGHTING | |
| MISC | 4200 | 7 | - | - | - | A | B | 20/1 | SAFEROOM CENTER | 8 | 750 | LIGHTING | |
| MISC | 4200 | 9 | ACCU-2 | 50/2 | - | A | B | 20/1 | SAFERM S. & EXTERIOR | 10 | 840 | LIGHTING | |
| MISC | 4200 | 11 | - | - | - | A | B | 20/1 | SPARE | 12 | - | - | |
| MISC | 4200 | 13 | ACCU-3 | 50/2 | - | A | B | 20/1 | 102, 103 | 14 | 720 | RECEPTACLE | |
| MISC | 4200 | 15 | - | - | - | A | B | 20/1 | 104, 105 | 16 | 540 | RECEPTACLE | |
| HEAT | 900 | 17 | F-1 | 20/1 | - | A | B | 20/1 | WATER SOFTENER | 18 | 250 | RECEPTACLE | |
| HEAT | 900 | 19 | F-2 | 20/1 | - | A | B | 20/1 | 106, 107 | 20 | 350 | RECEPTACLE | |
| HEAT | 900 | 21 | F-3 | 20/1 | - | A | B | 20/1 | 108 CHARGING | 22 | 720 | RECEPTACLE | |
| MISC | 2220 | 23 | ERV-1 | 25/2 | - | A | B | 20/1 | 105 CHARGING | 24 | 1080 | RECEPTACLE | |
| MISC | 2220 | 25 | ERV-1 | - | - | A | B | 20/1 | EWC | 26 | 500 | RECEPTACLE | |
| HEAT | 1500 | 27 | EUH-1 | 20/2 | - | A | B | 20/1 | N AND E EXTERIOR | 28 | 380 | RECEPTACLE | |
| HEAT | 1500 | 29 | EUH-1 | - | - | A | B | 20/1 | S AND W EXTERIOR | 30 | 360 | RECEPTACLE | |
| MISC | 1250 | 31 | WHTR-1 | 20/2 | - | A | B | 20/1 | AED | 32 | 160 | RECEPTACLE | |
| MISC | 1250 | 33 | - | - | - | A | B | 20/1 | BATTERY CHARGER | 34 | 500 | MISC | |
| HEAT | 1500 | 35 | ECUH-1 | 20/1 | - | A | B | 20/1 | BATTERY BLANKET | 36 | 500 | MISC | |
| HEAT | 1500 | 37 | ECUH-2 | 20/1 | - | A | B | 20/1 | COOLANT HEATER | 38 | 500 | MISC | |
| HEAT | 1500 | 39 | ECUH-3 | 20/1 | - | A | B | 20/1 | SPARE | 40 | - | - | |
| HEAT | 1500 | 41 | ECUH-4 | 20/1 | - | A | B | 20/1 | SPARE | 42 | - | - | |
| RECEPTACLE | 500 | 43 | RECEPTACLE | 20/1 | - | A | B | 20/1 | SPARE | 44 | - | - | |
| RECEPTACLE | 500 | 45 | RECEPTACLE | 20/1 | - | A | B | 20/1 | SPARE | 46 | - | - | |
| MISC | 1000 | 47 | FACP | 20/1 | - | A | B | 20/1 | SPARE | 48 | - | - | |
| MISC | 200 | 49 | DOOR POWER SUPPLY | 20/1 | - | A | B | 20/1 | SPACE | 50 | - | - | |
| | | 51 | SPACE | - | - | A | B | 20/1 | SPACE | 52 | - | - | |
| | | 53 | SPACE | - | - | A | B | 20/1 | SPACE | 54 | - | - | |
| | | 55 | SPACE | - | - | A | B | 20/1 | SPACE | 56 | - | - | |
| | | 57 | SPACE | - | - | A | B | 20/1 | SPACE | 58 | - | - | |
| | | 59 | SPACE | - | - | A | B | 20/1 | SPACE | 60 | - | - | |

1-LB VOLTAGE : 120/240 VOLTS SINGLE PHASE, 3 WIRE CB OPT: ST - SHUNT TRIP 22KA AIC RATING
 BUS RATING : 100 AMPS AF - ARC FAULT CIRCUIT INTERRUPTER GF - GROUND FAULT CIRCUIT INTERRUPTER SPECIAL OPTIONS: SURFACE MOUNTED
 MAIN : MLO BRANCHTYPE: NORMAL BRANCH

| LOAD TYPE | LOAD (VA) | C N K O T | LOAD SERVED | CB | | | C O P H A S E C O B P P | | | LOAD SERVED | C N K O T | LOAD (VA) | LOAD TYPE |
|------------|-----------|-----------|-------------|--------|---|---|-------------------------|------|------------|-------------|-----------|------------|-----------|
| | | | | AMP/FP | T | A | B | T | AMP/FP | | | | |
| RECEPTACLE | 360 | 1 | RECEPTACLE | 20/1 | - | A | B | 20/1 | RECEPTACLE | 2 | 500 | RECEPTACLE | |
| RECEPTACLE | 360 | 3 | RECEPTACLE | 20/1 | - | A | B | 20/1 | RECEPTACLE | 4 | 500 | RECEPTACLE | |
| RECEPTACLE | 360 | 5 | RECEPTACLE | 20/1 | - | A | B | 20/1 | RECEPTACLE | 6 | 360 | RECEPTACLE | |
| RECEPTACLE | 360 | 7 | RECEPTACLE | 20/1 | - | A | B | 20/1 | RECEPTACLE | 8 | 360 | RECEPTACLE | |
| RECEPTACLE | 360 | 9 | RECEPTACLE | 20/1 | - | A | B | 20/1 | RECEPTACLE | 10 | 360 | RECEPTACLE | |
| RECEPTACLE | 360 | 11 | RECEPTACLE | 20/1 | - | A | B | 20/1 | RECEPTACLE | 12 | 360 | RECEPTACLE | |
| RECEPTACLE | 360 | 13 | RECEPTACLE | 20/1 | - | A | B | 20/1 | SPARE | 14 | - | - | |
| RECEPTACLE | 360 | 15 | RECEPTACLE | 20/1 | - | A | B | 20/1 | SPARE | 16 | - | - | |
| RECEPTACLE | 360 | 17 | RECEPTACLE | 20/1 | - | A | B | 20/1 | SPACE | 18 | - | - | |
| RECEPTACLE | 360 | 19 | RECEPTACLE | 20/1 | - | A | B | 20/1 | SPACE | 20 | - | - | |
| RECEPTACLE | 360 | 21 | RECEPTACLE | 20/1 | - | A | B | 20/1 | SPACE | 22 | - | - | |
| RECEPTACLE | 360 | 23 | RECEPTACLE | 20/1 | - | A | B | 20/1 | SPACE | 24 | - | - | |

Table 3A.

APPROVED TRANSFORMER-RATED METER SOCKETS

| Supplier | 120/240 Volt Single-Phase (Requires use of fifth terminal at nine o'clock) | 120/208-Volt Single-Phase 240 Volt Three-Phase | 120/208 Volt Three-Phase | 277/480 Volt Three-Phase |
|--------------|--|--|--------------------------|--------------------------|
| Anchor | URS7004G-B | RTSS8 | RTSS13 | RTSS13 |
| Milbank | U7487-KK-TG | UC7448 | UC7449 | UC7449 |
| Superior | LRL00412VA | RLP11577AH | RLP11577BA | RLP11577BA |
| Landis & Gyr | U9837-8101 | U9837-8401 | U9837-8501 | U9837-8501 |
| Erickson | W-130 | W-130 | W-340 | W-340 |
| RJB | - | MS-2033.8 | MS-2034-13 | MS-2034-13 |

Table 4.

APPROVED TRANSOCKETS

| Supplier | Size | Single-Phase | Three-Phase |
|------------------------------|--------|--------------|-------------|
| Erickson | 400A | MGE1182-1 | MGE1182-2 |
| | 600A | MGE283-1 | MGE283-2 |
| | 800A | | MGE283-2 |
| RJB Enterprises | 400A | MGE-403UG | MGE-404UG |
| | 600A | MGE-603UG | MGE-604UG |
| | 800A | | MGE-804UG |
| | 1,200A | | MGE-1204UG |
| AMP Manufacturing and Supply | 400A | ACT4-3TM | ACT4-4TM |
| | 600A | ACT6-3TM | ACT6-4TM |
| | 800A | | ACT8-4TM |
| | 1,200A | | ACT12-4TM |