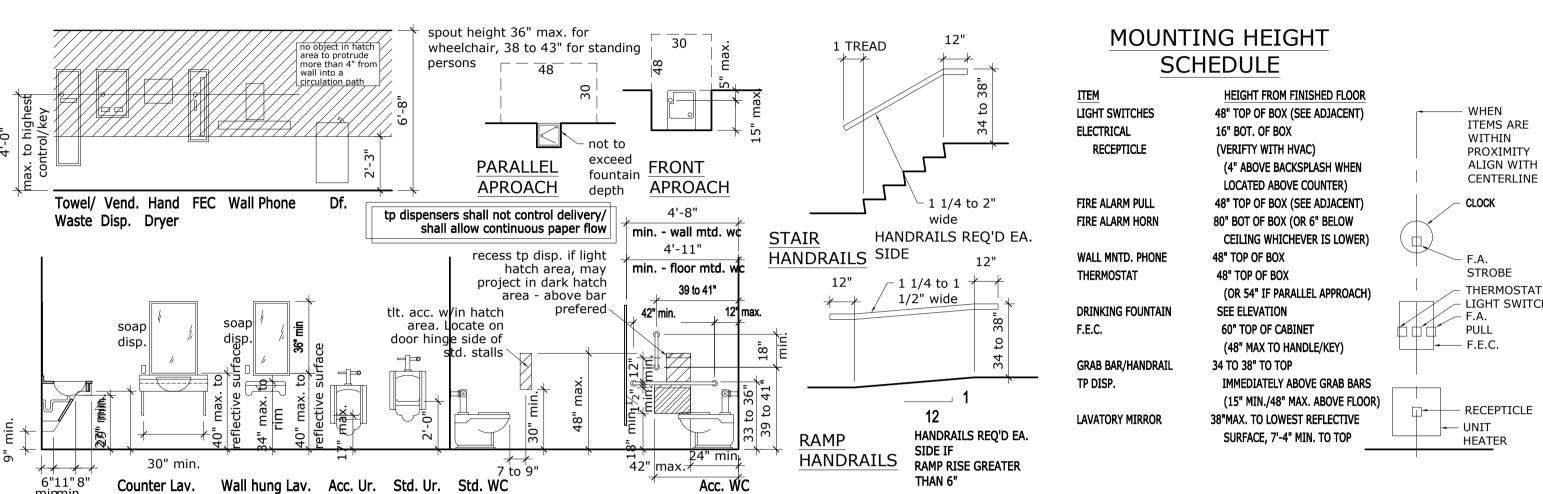
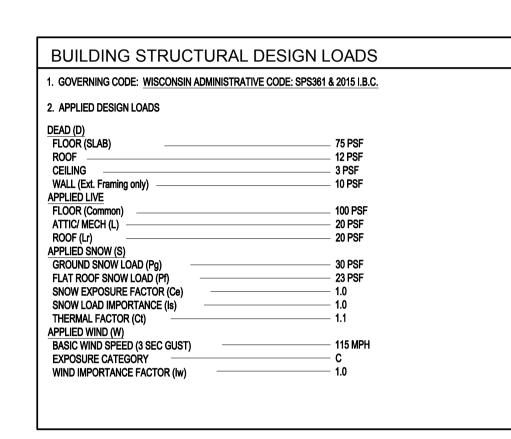
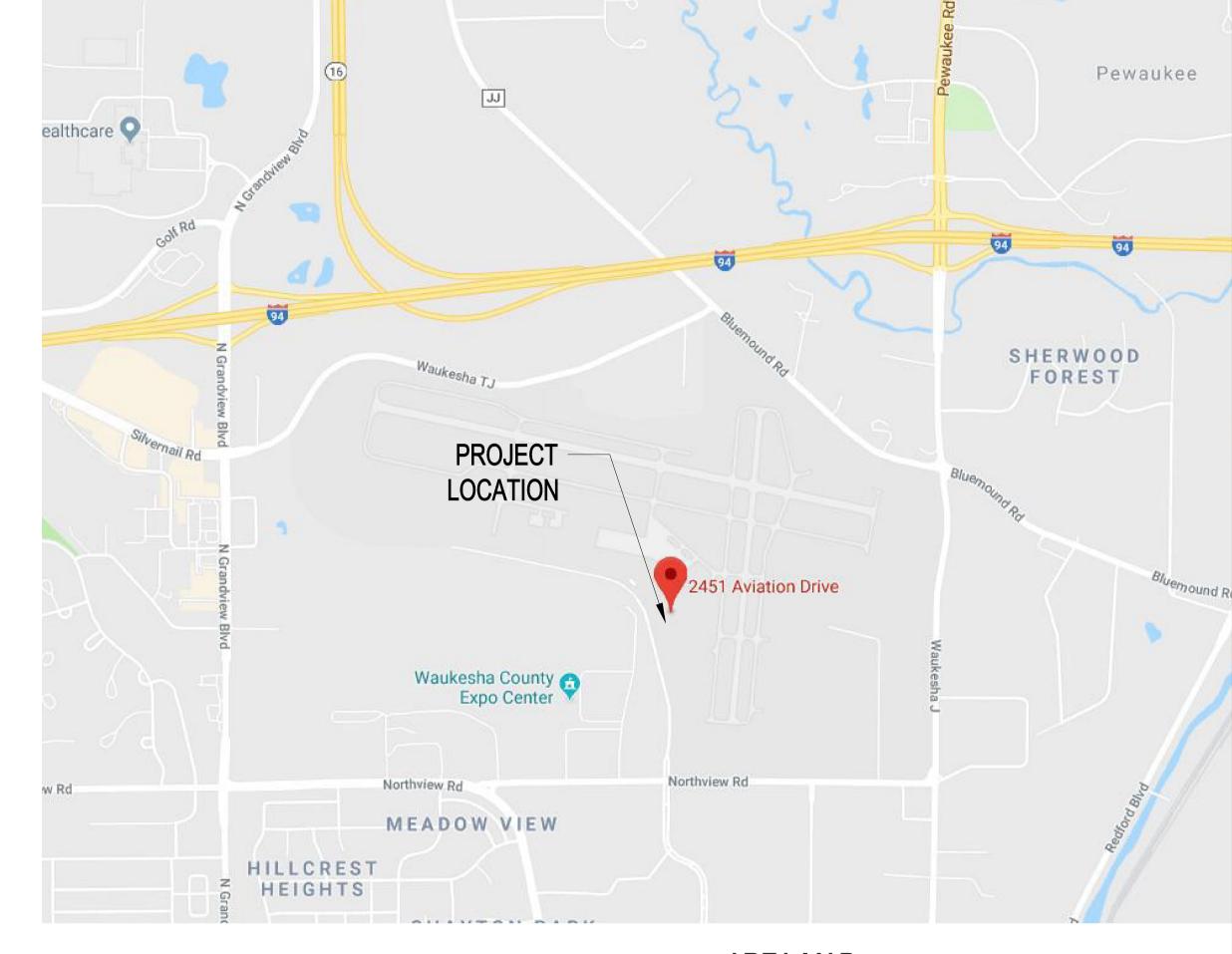
ACCESSIBILITY STANDARDS (for common use areas)







AREA MAP

BLDG., PLUMB., ACC., ENERGY CONS. CODE INFORMATION (IBC/2015, IECC/2015)

1. TYPE OF PROJECT: **NEW CONSTRUCTION** 7. INCIDENTAL ACCESSORY OCCUPANCY AREAS (WHERE NOT CONSIDERED NONSEPARATED MIXED USE AND NOT WITHIN A DWELLING UNIT)(T509): 2. TYPE OF CONSTRUCTION, FIRE RATINGS OF STRUCTURAL FRAME: * FURNACE ROOM W/ INDIVIDUAL APPLIANCE > 400 MBH INPUT: AUTOMATIC FIRE-EXTINGUISHING SYSTEM * TYPE OF CONSTRUCTION (CHAPTER 6) II-B: NON COMBUSTABLE, UNPROTECTED * PRIMARY STRUCTURAL FRAME (T601, 704): 0 HOUR * BOILER ROOM W/ INDIVIDUAL BOILER > 15 PSI & 10 HP (INCLUDING WATER HEATERS): AUTOMATIC FIRE-EXTINGUISHING SYSTEM WITH * BEARING WALLS SMOKE SEALED DOOR EXTERIOR (T601 & 705): 0 HOUR, ALSO SEE ITEM 4 BELOW * REFRIGERANT MACHINERY ROOMS: N/A INTERIOR (T601): 0 HOUR * LAUNDRY ROOMS OVER 100 SF: N/A * NON BEARING WALLS * ROOMS CONTAINING FIRE PUMPS: N/A EXTERIOR (T602 & 705): SEE ITEM 4 BELOW INTERIOR (T601): 0 HOUR * FLOOR CONSTRUCTION AND SECONDARY MEMBERS (T601): 0 HOUR 8. OTHER FIRE RESISTIVE ASSEMBLIES: * ROOF CONSTRUCTION AND SECONDARY MEMBERS (T601): 0 HOUR * FIRE WALLS (706): N/A * FIRE BARRIERS (WALLS) (707): 3. OCCUPANCY(IES), HEIGHT/AREA: VERTICAL SHAFT ENCLOSURES (713.4): 1 HOUR (< 4 STORIES. SEE EXCEPTIONS) * USE GROUP(S) (CHAPTER 3): B-BUSINESS, S1 STORAGE (AVIATION HANGER) DUCTS/PIPING, REFUSE AND LAUNDRY CHUTES, ELEVATORS/DUMBWAITERS * UNLIMITD AREA BUILDINGS (507): N/A VERTICAL EXIT ENCLOSURES(1022.1): 1 HOUR, LESS THAN 4 STORIES (SEE 1023.2) * MIXED USE SEPARATION OPTION (508, 509, 706, 707,& 712): EXIT PASSAGEWAYS (1024.3): SAME AS VERTICAL EXIT ENCLOSURE SERVED SEPARATION NOT REQUIRED BETWEEN B & S1 PER 508.4. AREA NOT TO EXCEED 1.0 FOR SUMMATIVE RATIO OF ACTUAL/ALLOW HORIZONTAL EXITS THROUGH FIRE BARRIERS OR FIRE WALLS (1026.2): N/A OF EACH AREA (508.4.2). ATRIUMS (404.6): N/A * PARKING STRUCTURES UNDER OTHER OCCUPANCIES (509): N/A INCIDENTAL ACCESSORY OCCUPANCY AREAS (509.2.5): SEE ITEM 7 ABOVE * ALLOWABLE HEIGHT - TABULAR (T504.3 & T504.4): MOST RESTRICTIVE S1 = 55' AND 2 STORIES HAZARDOUS MATERIAL CONTROL AREAS (414.2.4): N/A * ACTUAL HEIGHT (GRADE PLANE TO AVERAGE ROOF HEIGHT (502)): 1 STORIES, 31.2 FEET SEPARATED MIXED OCCUPANCIES(508.4): N/A, NON SEPARATED - SEE ITEM 3 * ALLOWABLE AREA - TABULAR (T506.2), 508.4.2: B - 23,000 FT² (NS), S1 - 17,500 FT² FIRE AREA SEPARATIONS (707.3.9): N/A Summative: 60000/23000 + 12204.5/17500 = 0.96 < 1.0 (FRONTAGE INCREASE NOT FACTORED) AREA OF REFUGE, EXTERIOR RESCUE ASSISTANCE (1007.6 & .7, 710.3): 1 HOUR + SEALED TO PREVENT INTRUSION OF SMOKE. * FRONTAGE INCREASE FACTOR (MINIMUM 20' FROM PROPERTY LINE, CENTER OF RIGHT-OF-WAY OR ANOTHER BUILDING ON SAME LOT) ONE 30" X 48" SPACE FOR EACH 200 OCCUPANTS SERVED. SERVED BY A STAIR WITH A 48" MIN. CLEAR WIDTH HANDRAIL TO - AREA MODIFICATION (506.3) $I_f = (OPEN PERIMETER / TOTAL PERIMETER - 0.25) \times 25'/30' = (300'/579.5'-0.25) \times 30'/30' = 0.26$ HANDRAIL EXIT STAIR. SPACE LOCATED OUTSIDE REQUIRED EGRESS WIDTH. TO HAVE TWO-WAY COMMUNICATION TO * ALLOWABLE AREA PER FLOOR - TOTAL MODIFIED: S1: 17,500 x1.26 = 22,050 FT², B: 23,000x1.26 = 28,980 FT² LOCATION OF FIRE COMMAND CENTER. INCLUDE SIGN STATING 'AREA OF REFUGE". DIRECTIONAL SIGNS SHALL BE * TOTAL ACTUAL AREA PER FLOOR (BOUND BY INTERIOR SIDE OF EXTERIOR AND FIRE WALLS)(502): B=6,000 FT² S1 = 12,204.5 FT² PROVIDED AT ELEVATOR LANDINGS TO AREAS OF REFUGE. INSTRUCTIONS INCLUDING 3 ITEMS LISTED UNDER 1007.11 * TOTAL ACTUAL AREA OF ALL FLOORS COMBINED (NOT INCLUDING FLOORS BELOW GRADE)(502): 18,204.5 FT² SHALL BE POSTED AT EACH AREA OF REFUGE. * FIRE PARTITIONS (708) DWELLING UNIT SEPARATION (420, 708.3): N/A 4. EXTERIOR WALL FIRE RATINGS BASED UPON SEPARATION DISTANCE SLEEPING UNITS (IN R-2, R-1 OCCUPANCIES) SEPARATION (420, 708.3): N/A (FROM LOT LINE, CENTER OF RIGHT-OF-WAY OR IMAGINARY PROPERTY LINE BETWEEN BUILDINGS ON THE SAME LOT)(T602): TENANT SPACE IN A 'COVERED MALL' (402.7.2, 708.3): N/A (<5') (5 to <10') (10 to <30') (>30') EXIT ACCESS CORRIDORS SERVING MORE THAN 10 OCCUPANTS (1020.1.1): 1 HOUR ELEVATOR LOBBY(IES)(708.14.1, 708.3): NOT REQUIRED, </= 3 STORIES S1 MORE RESTRICTIVE SMOKE BARRIER(S) (IN I-2 OR I-3 OCCUPANCIES)(709): N/A ACTUAL MINIMUM SEPARATION DISTANCE (W) > 20' ALL SIDES * HORIZONTAL ASSEMBLIES (420, 711.2.4.3): 1 HOUR LINTELS SPANNING > 6' & EXTERIOR WALL COLUMNS/BEAMS(704.10, 704.11): SAME AS WALL ASSEMBLY WITHIN * PRIVATE PARKING GARAGE (406.3): CLASSIFIED AS TYPE U OCCUPANCY 1HR FIRE BARRIER BETWEEN GARAGES * THROUGHOUT OCCUPANCY, 'FIRE AREA' OR 'BUILDING' (903.2): S1 OVER 12,000 FT2 PER 903.2.9 - N 1/2HR FIRE BARRIER BETWEEN GARAGE AND DWELLING UNIT * FIRE AREA(S) (901.7, 706.5, 706.6, 706.7 & 706.8): $S1 = 11,691 \text{ FT}^2$, $B = 5,834 \text{ FT}^2$ 5/8" TYPE X GWB CEILING AT ALL WALLS AND CEILINGS BELOW DWELLING UNIT * THROUGHOUT UNLIMITED AREA BUILDING (507): N/A DOORS TO BE MIN. 1 3/8" THICK SOLID WOOD OR HONEYCOMB CORE STEEL 20MIN. RATED w/ SEFL CLOSING LATCHES * PARTIAL INCIDENTAL ACCESSORY OCCUPANCIES (508.2.5): SEE ITEM 7 BELOW STORY(IES) W/O OPENINGS (903.2.11.1): N/A, IF GREATER THAN 1500 FT2 RUBBISH AND LINEN CHUTES (903.2.11.2): N/A BUILDINGS W/ FLOOR LEVEL > 55' ABOVE FIRE DEPT. VEHICLE ACCESS (903.2.11.3): N/A DUCTS CONVEYING HAZARDOUS EXHAUSTS (903.2.11.4) N/A 9. PENETRATIONS, JOINTS AND OPENINGS (714, 715, 716): COMMERCIAL KITCHEN HOODS (903.2.11.5): N/A WHERE LISTED IN TABLE 903.2.11.6: INCIDENTAL ACCESSORY OCCUPANCIES, SEE ITEM 7 * PENETRATIONS BY METAL CONDUITS AND PIPE, PLASTIC PIPE AND DUCTWORK (714): VERTICAL AND HORIZONTAL FIRE RESISTIVE ASSEMBLIES (714.3 & 714.4): ASSEMBLY INSTALLED AS 'APPROVED' OR TESTED PER ASTM E814 or UL1479 OR, IF 1-19 HEADS PER SYSTEM W/O CONTAMINANTS OR FDC (DOUBLE CHECK)(903.3.5.1.1): N/A 1-19 HEADS PER SYSTEM W/ CONTAMINANTS OR FDC (RPZ)(903.3.5.1.1): N/A STEEL/FERROUS/COPPER PIPES/TUBES/CONDUITS, MAY FILL ANNULAR SPACE WITH MATERIAL REQUIRED AT EXTERIOR BALCONIES AND DECKS (903.3.1.2.1) PREVENTING PASSAGE OF FLAME AND HOT GASSES WHEN SUBJECTED TO ASTM E 119 OR UL 263 TIME-TEMPERATURE FIRE CONDITIONS * JOINTS WHERE FIRE RESISTANCE RATED WALLS MEET WALL, FLOOR OR ROOF (715.1): ASSEMBLIES TESTED IN ACCORDANCE WITH ASTM 1966 OR UL 2079 6. FIRE ALARM AND DETECTION (907.2): * OPENINGS (716): * MANUAL FIRE ALARM: REQUIRED ASSEMBLY RATING OPENING RATING * AUTOMATIC FIRE DETECTION: (715.4.8.3, 909.12, 3003.2, 3006.5) SHAFT, EXIT ENCL., PASSAGE REQUIRED - SMOKE ACTIVATED FIRE DOORS, CONTROLS FOR HVAC SYSTEMS, ELEVATOR RECALL SHUTTERS (716.4) OTHER FIRE BARRIERS 3/4 HOUR [LOBBIES AND MACHINE ROOM], ELEVATOR SHAFT AND MACHINE ROOM SPRINKLER HEAD SHUNT TRIP EXIT ACCESS CORRIDORS 1/2 HOUR 1/3 HOUR * FIRE SUPPRESSION SYS. MONITOR: (903.4, 907.6.5 REQUIRED - FLOW & TAMPER SWITCHES OTHER FIRE PARTITIONS 1/2 HOUR 1/3 HOUR * HVAC SMOKE DUCT DETECTION: (907.3.1, IMC 606) REQUIRED - FOR SYSTEMS > 2000 CFM EXTERIOR WALLS 0 HOUR 0 HOUR * SINGLE/MULTIPLE STATION SMOKE DETECTORS: (907.2.11) NOT REQUIRED ASSEMBLY TYPE ASSEMBLY RATING * CARBON MONOXIDE DETECTORS/ALARMS: (SPS 362.1200) GLAZING (716.5) INTERIOR FIRE BARRIERS NOT REQUIRED INTERIOR EXIT STAIR ENCLOSURES 1 HOUR NOT PERMITTED

INTERIOR FIRE PARTITIONS

EXTERIOR WALLS

10. INTERIOR FINISH CLASS(T803.9):

* EXIT ACCESS CORRIDORS

* ROOMS/ENCLOSED SPACES

* VERTICAL EXIT ENCLOSURES AND PASSAGEWAYS

1/2 HOUR

0 HOUR

C, R-2 AND S OCC.

C, R-2 AND S OCC.

C, R-2 ANS S OCC.

1/3 HOUR

0 HOUR

SPRINKLERED NONSPRINKLERED

11. OCCUPANT LOAD (1004.1) (SEE PLANS 6000/100 = 60 12,204.5/500 = 25* BY TABLE (1004.1.1) 12. EGRESS WIDTH (PER FLOOR)(1005.1, 1010.5, 1011.2) * CALCULATED (T1005.1): 36" MIN. 31 3/4" MIN. CLEAR DOORS IN TYPE B UNITS, 32" MIN. CLEAR DOORS WHEN OPEN 90° 36" MIN. CORRIDORS W/IN DWELLING UNITS 44" MIN. CORR'S. OUTSIDE DWELLING UNITS 34" MIN. CLEAR DOORS WHEN OPEN 90° 48" CORRIDORS * DOOR ENCROACHMENT (1007.1): 7" WHEN FULLY OPENED, 1/2 REQUIRED EGRESS WIDTH 13. NUMBER OF EXITS (1006) * SPACES WITH ONE EXIT: MAX. OCC. LOAD: B: 49, S1: 29, MAX. TRAVEL DIST.: 75' *MORE THAN ONE EXIT (T1017.2) OCC. LOAD: 1-500 MIN. # OF EXITS: 2 MAX. TRAVEL DIST.: 200' (B & S1) 4. EXIT ACCESS TRAVEL DISTANCE/REMOTENESS (T1017.2): *ACTUAL MAXIMUM TRAVEL: 140 ft AT S1, 111' AT B * REQUIRED REMOTENESS: 1/2 DIAGONAL OF SPACE OR BUILDING SERVED (1/3 IF FULLY SPRINKLERED) 15. MISC. ROOM AND ASSEMBLY SPACE EGRESS: N/A 16. DOOR SIZE, SWING, HARDWARE: * DOORS SERVING MEANS OF EGRESS(OTHER THAN REACH-IN CLOSETS) SHALL HAVE A MINIMUM CLEAR WIDTH OF 32" WHEN OPEN 90° * DOORS SERVING MEANS OF EGRESS AND AN OCCUPANT LOAD OF 50 OR MORE SHALL SWING IN THE DIRECTION OF EGRESS * DOORS SERVING MEANS OF EGRESS AND AN OCCUPANT LOAD OF 50 OR MORE IN A & E OCCUPANCIES SHALL HAVE PUSH/PULL (NON-FIRE RATED) OR LATCHING EXIT DEVICES (REQUIRED IF OPENING IS FIRE RATED OR LOCKING ON PULL SIDE)(1010.1.10) 17. ATTIC AND UNDERFLOOR VENTILATION(1203.2 AND 1203.3): ' AREA(S) OF ATTIC: 18,900 FT² VENTILATION high nfa: >/= 50% OF 64 FT 2 (4608 MIN. IN 2) VENTILATION low nfa: REMAINING % OF 64 FT² (4608 IN² IF 50% high and 50% low, <4608 IN² IF > 50% high) AREA(S) UNDERFLOOR: N/A VENTILATION(nfa): N/A * NON-SPRINKLERED ATTIC(S) IN R-2 OCCUPANCIES WITH =/> 3 DWELLING UNITS (718.4): REQUIRED - AREA NOT TO EXCEED 3000 SF OR ABOVE EVERY 2 DWELLING UNITS * NON-SPRINKLERED FLOOR SPACES IN R-2 OCCUPANCIES WITH =/> 3 DWELLING UNITS (718.3): REQUIRED AT ALL DWELLING UNIT SEPARATIONS - NFPA13R AUTOMATIC SPRINKLERS INSTALLED IN COMBUSTIBLE CONCEALED FLOOR FRAMING SPACES. 19. RESTROOMS: * DEFINITION - PUBLIC (INCLUDES EMPLOYEES) * DEFINITION - PRIVATE OR PRIVATE USE (WITHIN DWELLING, HOTEL/MOTEL GUEST ROOM) * OCCUPANT LOAD - SEE ITEM 11 ABOVE: 89 * SEPARATE MALE, FEMALE RESTROOMS REQUIRED(2902.2): YES * PUBLIC RESTROOMS REQUIRED(2902.3): YES * OCCUPANCY(IES) (CHAPTER 3, T1004.1.1, T2902.1): <u>B, S1</u> ACTUAL # PROVIDED * NUMBER OF FIXTURES REQUIRED WATER CLOSETS (1/25<50, 1/50>50) URINALS (UP TO 50% OF REQ'D WC'S LAVATORIES (1/40<80, 1/80>80) BATHTUBS/SHOWERS (1/DWELLING UNIT) SERVICE SINK (1) **CLOTHES WASHER CONNECTION BOTTLED WATER PROVIDED** DRINKING FOUNTAINS (1/100)

20. ACCESSIBILITY (CHAPTER 11 AND ICC/ANSI A117.1): * EXEMPT AREAS (1103.2): EMPLOYEE WORK STATIONS, LIMITED ACCESS SPACES, EQUIPMENT SPACES FREQUENTED ONLY BY MAINTENANCE * EXTERIOR ACCESSIBLE ROUTE AND ENTRANCES(1104 & 1105): ROUTE FROM PUBLIC WALK AND FROM ACCESSIBLE PARKING SPACES TO SLOPE NOT MORE THAN 1:20 OR HAVE RAMPS WITH HANDRAILS (WHERE >6" RISE) WITH SLOPE NOT MORE THAN 1:12, MINIMUM 60% OF PARKING SPACES AND PASSENGER LOADING AREAS(1106): SEE TABLE 1106.1, QUANTITY OF ACCESSIBLE IS BASED UPON TOTAL NUMBER OF SPACES REQUIRED BY LOCAL ZONING. FOR EVERY 6 ACCESSIBLE SPACES (OR PORTION THEREOF) 1 ACCESSIBLE SPACE SHALL BE VAN * SPECIAL OCCUPANCIES(1107 & 1108): DWELLING UNITS: R-2 OCCUPANCY APARTMENT HOUSES CONTAINING >20 UNITS SHALL INCLUDE 2% AND =/> 1 TYPE A UNIT. APARTMENT HOUSES CONTAINING =/> 3 UNITS INTENDED TO BE OCCUPIED AS A RESIDENCE OTHER THAN TYPE A UNITS OTHER FEATURES AND FACILITIES(1109): COMMON USE TOILET FACILITIES, COMMON USE SINKS (INCLUDING WITHIN COMMON USE KITCHENS LAUNDRY ROOMS AND SPAS), ELEVATORS, STORAGE CABINETS (INCLUDING WITHIN COMMON USE KITCHENS AND LAUNDRY ROOMS), WORK SURFACES (INCLUDING WITHIN COMMON USE KITCHENS AND LAUNDRY ROOMS), SERVICE/RECEPTION COUNTERS, FOOD SERVICE LINES, CONTROLS, DOOR APPROACHES/CLEARANCES AND DOOR HARDWARE, RECREATIONAL/SPORTS FACILITIES SIGNS WHERE REQUIRED(1110): IDENTIFICATION AT PARING SPACES & PASSENGER LOADING ZONES, AREAS OF REFUGE (1007.9) DIRECTIONAL AT ELEVATOR LANDINGS DIRECTING TO AREAS OF REFUGE (1007.10) OTHERS AT DOORS TO AREA OF REFUGE/EXIT STAIRWAY (1011.3), INSTRUCTIONS AT AREAS OF REFUGE (1007.11) INCLUDING FOR USE OF TWO-WAY COMMUNICATION SYSTEMS TO SUMMON ASSISTANCE (1007.8.2). ENERGY CONSERVATION (IECC CHAPTER 5 BUILDING ENVELOPE PRESCRIPTIVE) MANDATORY PROVIONS OF CHAPTER 4 SHALL BE MET FOR ALL RESIDENTIAL BUILDINGS INCLUDING: - AIR LEAKAGE (BUILDING THERMAL ENVELOPE DEMONSTRATED VIA TEST OR VISUAL INSPECTION, FENESTRATION LEAKAGE, RECESSED - SYSTEMS (CONTROLS FOR HEATING AND COOLING SYSTEMS, HEAT PUMP SUPPLEMENTARY HEAT PREVENTION CONTROL EXCEPT DURING DEFROST, DUCT JOINT AND SEAM SEALING, NO BUILDING CAVITIES USED AS SUPPLY AIR DUCTS, MECHANICAL PIPING > 105 degf, < 55 degf insulated >/= R-3, circulating hot water piping insulated >/= R-2, outdoor air intakes and exhausts with dampers, CALCULATION OF HEATING AND COOLING LOADS - ACCA MANUAL J, EQUIPMENT AND SYSTEM SIZING - ACCA MANUAL S BASED UPON MANUAL J LOAD CALCULATION (IF SERVING MULTIPLE DWELLING UNITS MEET COMMERCIAL PROVISONS SECTIONS C503 AND C504 INSTEAD), SNOW MELT SYSTEM AUTO SHUT-OFF AT 50 degF PAVING OR 40 degF AIR TEMPERATURE) - ELECTRICAL POWER AND LIGHTING SYSTEMS (50% MINUMUM OF LIGHTING FIXTURES TO BE HIGH EFFICACY [60 LUMENS/W IF >40W, 50 LUMENS/W IF >15 TO 40W, 40 LUMENS/W IF </= 15W]) PRESCRIPTIVE PROVISIONS FOR SPECIFIC INSULATION REQUIREMENTS SHALL ALSO BE MET. - CEILINGS (LOWER R-VALUE IF EXTENDING OVER FULL WIDTH OF EXTERIOR WALLS, LOWER R-VALUE FOR UP TO 500 FT2 OF THIN ROOF - ACCESS HATCHES AND DOORS (SEALING, INSULATION LEVELS SAME AS SURROUNDING ASSEMBLY) - SLAB ON GRADE FLOORS (WHERE WITHIN 12" OF GRADE SLAB EDGE INSULATION FROM TOP OF SLAB TO EXTENSION [HORIZONTAL OR VERTICAL] DISTANCE INDICATED BELOW) PRESCRIPTIVE REQUIREMENTS FOR FOR FENESTRATION (U-FACTOR AND SHGC REQUIREMENTS LISTED BELOW, 0.03315 FT2 GLAZED AREA EXCEPTION, 24 FT2 OPAQUE DOOR EXCEPTION) PRESCRIPTIVE REQUIREMENTS FOR DUCT INSULATION (IF OUTSIDE BUILDING THERMAL ENVELPE MIN. R-6, R-8 IN ATTICS) st as option to prescriptive requirements listed below, may use total building performance method using computer software (I.E. ENERGYPLUS, REMRATE OR OTHER APPROVED SOFTWARE) * AS AN ALTERNATIVE TO PRESCRIPTIVE REQUIRMENTS FOR BUILDING ENVELOPE COMPONENTS, MAY USE TOTAL UA SUMMATION FOR ALL COMPONENTS COMPARED TO TOTAL UA OF SAME BUILDING MEETINGPRESCRIPTIVE U VALUES SPECIFIED BELOW (I.E. MAY USE RESCHECK SOFTWARE TO DEMONSTRATE) * LOCATION WAUKESHA COUNTY, WI CLIMATE ZONE 6A (7200 < HDD65degF < 9000; NOT 'MARINE' NOR 'DRY') Wood framed attic, rafters or ceiling joists (batts between framing * ABOVE GRADE WALLS Recommend =/> 50% of R value as ci sheathing combined with max class III vapor retarder at interior side of framing to prevent condensation at interior side of sheathing * FLOOR ABOVE OUTDOORS OR ABOVE UNCONDITIONED SPACE Wood framed with insulation between/around framing SLAB ON GRADE PERIMETER (where slab </= 12" of grade) 15, 4 feet (insulation may be interior or exterior side of foundation wall and extend down from top of slab distance indicated or from top of slab down to bottom of slab then horizontal under slab for total distance indicated. If on exterior protect horiz, insulation w/paving or 10" soil and vert. insul. to 6" below grade OPAQUE DOORS FENESTTRATION (glazed windows, doors, storefronts, curtain walls) Solar Heat Gain Coefficient (SHGC) for vertical and skylights

SHEET INDEX T1.0 COVER SHEET AND CODE REVIEW CIVIL ENGINEERING **EXISTING CONDITIONS** PROPOSED SITE AND GRADING PLAN **DETAILS CIVIL NOTES** ARCHITECTURAL AND STRUCTURAL MATERIAL SPEC. AND FOUNDATION DETAILS FOUNDATION PLAN SLAB AND GRADE BEAM PLAN FLOOR PLAN - OVERALL FLOOR PLAN - PHASE 2 **EXTERIOR ELEVATIONS - PHASE 1 EXTERIOR ELEVATIONS - PHASE 2 EXT. ELEVATION & BUILDING SECTIONS**

DRAWING SET: 12-03-2018 2018-08.009

SHEET NUMBER







STRIP AND STOCKPILE TOPSOIL

EXISTING PAVEMENT

EXISTING PAVEMENT

DEMO EXISTING FENCE
PER NEW SITE PLAN LOCATIONS

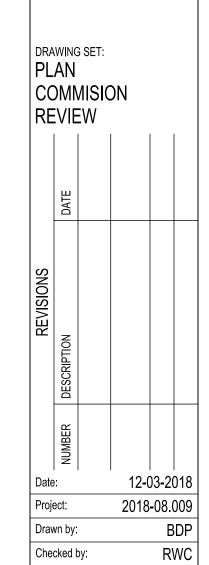
NOTES:

BOUNDARY AND LEASED AREA LEGAL DESCRIPTION PRELIMINARY. PART OF WAUKESHA COUNTY AIRPORT. FIELD WORK TO CONFIRM IS REQUIRED.

CONTOURS SHOWN ARE DIGITIZED FROM WAUKESHA COUNTY GIS. FIELD TOPOGRAPHY IS REQUIRED

PROPOSED DRAINAGE PATTERNS TO MATCH EXISTING GRADES. ASSUMED DITCH CAPACITY ADEQUATE.

UTILITIES SHOWN ARE APPROXIMATE FROM DATA PROVIDED. CONFIRMATION IS REQUIRED.



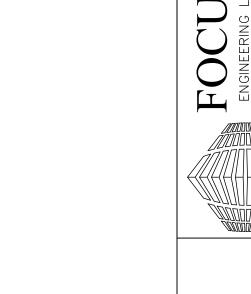


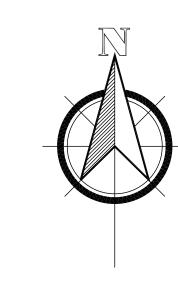
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EXISTING 8" SANITARY SEWER

EXISTING 12" WATERMAIN

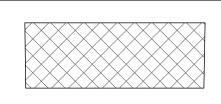








PROPOSED BUILDING



FUTURE PHASE



PROPOSED FENCE



PROPOSED SIDEWALK

NOTES:

BOUNDARY AND LEASED AREA LEGAL DESCRIPTION PROVIDED BY OWNER. PART OF WAUKESHA COUNTY AIRPORT. FIELD WORK TO CONFIRM IS REQUIRED.

CONTOURS SHOWN ARE DIGITIZED FROM WAUKESHA COUNTY GIS. FIELD TOPOGRAPHY IS REQUIRED

PROPOSED DRAINAGE PATTERNS TO MATCH EXISTING GRADES. ASSUMED DITCH CAPACITY ADEQUATE.

UTILITIES SHOWN ARE APPROXIMATE FROM DATA PROVIDED. CONFIRMATION IS REQUIRED.

UTILITY NOTES:

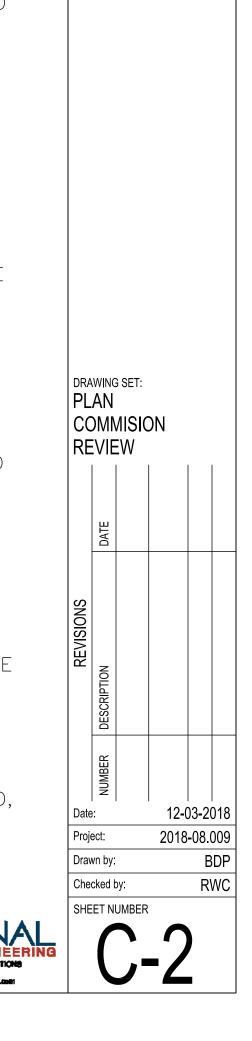
- 1. LOCATION OF EXISTING SEWER AND WATER MAIN IS ESTIMATED AND DETAILED AS—BUILT INFORMATION WAS NOT AVAILABLE AT TIME OF DESIGN. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND COORDINATING WITH ENGINEER AND TOWN WITH ANY CHANGES REQUIRED.
- 2. SANITARY DISTRICT HAD NO RECORD OF STUBS OF UTILITIES TO PROPERTY LINES. CONTRACTOR TO FIELD VERIFY IF ANY EXIST PRIOR TO CUTTING ROAD
- 3. ASSUMED EXISTING WATER MAIN DEPTH 6.5 FEET. FIELD VERIFY
- 4. ASSUME EXISTING SANITARY SEWER MAIN DEPTH 8 FEET.
- 5. UTILIZE 10 GAUGE COPPERHEAD COPPERCLAD TRACER WIRE
- 6. TRACER WIRE SPLICE KITS SHALL BE COPPERHEAD 3WB-01
- OR EQUAL 7. WATER SERVICE SHALL BE 1" COPPER, UNLESS COORDINATED
- WITH BUILDING PLUMBING PLANS OTHERWISE
- 8. SEE DETAIL FOR ALL OTHER WATER SPECIFICATIONS
 9. SEWER LATERAL SHALL BE 4" SCH.40 PVC UNLESS
- COORDINATED WITH BUILDING PLUMBING PLANS OTHERWISE.

 10. SEE DETAIL FOR ALL OTHER SEWER SPECIFICATIONS.

 11. IN SERVICE CROSSINGS, WATER SERVICE MUST BE INSTALLED
 A MINIMUM OF 18 INCHES BELOW SANITARY SEWER OR 12
- A MINIMUM OF 18 INCHES BELOW SANITARY SEWER OR 12 INCHES ABOVE THE TOP OF SANITARY SEWER, MEASURED FROM OUTSIDE OF PIPE FOR A HORIZONTAL DISTANCE OF 5 FEET EACH SIDE OF CROSSING. ALL MINIMUM COVER DEPTHS MUST BE MAINTAINED.
- 12. IF MINIMUM COVER DEPTH IS NOT PRACTICABLE, COORDINATE WITH ENGINEER FOR INSULATION REQUIREMENTS.

RESTORATION NOTES

- 1. MINIMUM 4" TOPSOIL REQUIRED IN ALL LAWN AREAS
- 2. UTILIZE WISDOT SEED MIXTURE No 40 OR AS RECOMMENDED BY LANDSCAPER PER LOCAL SOIL TEST.
- 3. UTILIZE WISDOT TYPE A FERTILIZER.
- 4. USE CLASS 1, URBAN, TYPE A ON ALL DISTURBED AREAS UNLESS SPECIFIED OTHERWISE.
- 5. UTILIZE TYPE B MATTING OF SAME CLASS 1 ALONG CENTERLINE OF SWALE AND UP MINIMUM 2FT VERTICAL OF SIDE SLOPES.
- 4. PROPERLY ANCHORED MULCH REQUIRED IN ALL AREA NOT STABILIZED WITH EROSION MATTING.
- 7. FOLLOW ALL EROSION CONTROL SEQUENCING, TRACKING PAD, SILT FENCE, DUST CONTROL, SEEDING, AND MATTING.





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∠ CONCRETE BASE

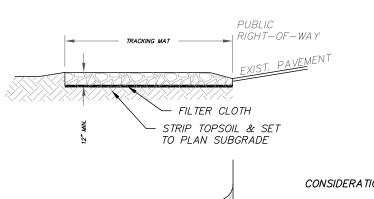
PIPE SECTION AS REQUIRED IN CONTRACT DOCUMENTS

REF: SEC. 2.2.6

TYPICAL CUT PAVEMENT

TRENCH SECTION

FILE NO. 1



50' MIN.

CONSIDERATIONS:

1. VEHICLES TRAVELING ACROSS THE TRACKING PAD SHOULD MAINTAIN A SLOW CONSTANT SPEED. 2. THE BEST APPROACH TO PREVENTING OFF-SITE TRACKING IS TO RESTRICT VEHICLES TO STABILIZED AREAS.

3. ANY SEDIMENT TRACKED ONTO A PUBLIC OR PRIVATE

ROAD SHOULD BE REMOVED BY STREET CLEANING. NOT

FLUSHING, BEFORE THE END OF EACH WORKING DAY.

NOTES: A. TRACKING PAD:

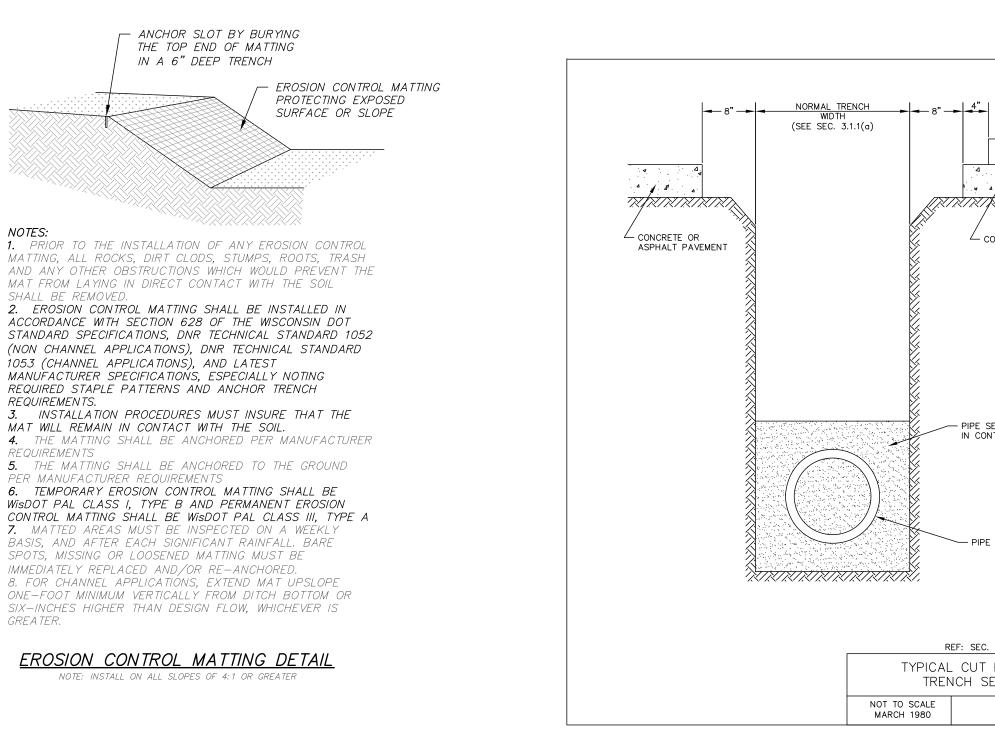
- 1. TRACKING PAD TO CONFORM TO WDNR CONSERVATION PRACTICE STANDARD 1057.
- 2. THE TRACKING PAD SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE SITE. 3. THE AGGREGATE FOR TRACKING PADS SHALL BE 3"- 6" CLEAR OR WASHED STONE. ALL MATERIAL SHALL BE RETAINED ON A 3-INCH SIEVE.
- 4. THE AGGREGATE SHALL BE PLACED IN A LAYER AT LEAST 12 INCHES THICK. ON SITES WITH A HIGH WATER TABLE, OR WHERE SATURATED CONDITIONS ARE EXPECTED DURING THE LIFE OF THE PRACTICE. STONE TRACKING PADS SHALL BE UNDERLAIN WITH A WISDOT TYPE R
- 5. THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT. THE TRACKING PAD SHALL BE A MINIMUM OF 50 FEET LONG.

GEOTEXTILE FABRIC TO PREVENT MIGRATION OF UNDERLYING SOIL INTO THE STONE.

6. SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY FROM TRACKING PADS OR CONVEYED UNDER AND AROUND THEM BY USING A VARIETY OF PRACTICES, SUCH AS CULVERTS, WATER BARS, OR OTHER SIMILAR

- B. MAINTENANCE 1. ROCKS LODGED BETWEEN THE TIRES IF DUAL WHEEL VEHICLES SHALL BE REMOVED PRIOR TO LEAVING THE CONSTRUCTION SITE.
- 2. TRACKING PADS AND TIRE WASHING STATIONS SHALL, AT AT MINIMUM, BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD.
- 3. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.
- 4. A MINIMUM 12-INCH THICK PAD SHALL BE MAINTAINED.

STONE TRACKING PAD DETAIL (NOT TO SCALE)



JOINTS WITH A

DOUBLE ROW.

<u>PLAN VIEW</u>

1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL

CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISDOT STANDARD SPECIFICATIONS FOR

3. SEDIMENT BALE BARRIERS SHALL, AT A MINIMUM, BE INSPECTED WEEKLY AND WITHIN 24 HOURS

4. DAMAGED OR DECOMPOSED SEDIMENT BALE BARRIERS, AND UNDERCUTTING, OR FLOW CHANNELS

5. SEDIMENT SHALL BE PROPERLY DISPOSED OF ONCE THE DEPOSITS REACH ONE-HALF THE HEIGHT OF

6. SEDIMENT BALE BARRIERS AND ANCHORING DEVICES SHALL BE REMOVED AND PROPERLY DISPOSED OF

WHEN THEY HAVE SERVED THEIR USEFULNESS, BUT NOT BEFORE THE UPSLOPE AREAS HAVE BEEN

7. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SEDIMENT BALE BARRIER IS NO LONGER

REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A

HIGHWAY AND STRUCTURE CONSTRUCTION AND WDNR TECHNICAL STANDARD 1062.

2. TEMPORARY DITCH CHECKS OF A SINGLE ROW OF EROSION BALES ARE NOT PERMITTED.

AROUND THE END OF THE SEDIMENT BALE BARRIERS SHALL BE REPAIRED.

TEMPORARY DITCH CHECK USING EROSION BALES

STAKES DRIVEN

FLUSH WHEN SOIL

NOTE: ALL DIMENSIONS

ARE APPROXIMATE

- FOR SCOUR PROTECTION USE

EROSION MAT FOR CHANNEL

UPSTREAM BALES AND SECURE

FABRIC WITH WOOD STAKES AT

✓ STAGGER JOINTS BETWEEN ADJACENT

LINING. LAP MAT UNDER

ROWS OF BALES

3-FOOT INTERVALS.

CONDITIONS PERMIT

NOTES:

THE SEDIMENT BALE BARRIER.

8. EFFECTIVENESS OF BALES IS LESS THAN 3 MONTHS.

DITCH CHECK DETAIL

PERMANENTLY STABILIZED.

1. SILT FENCE INSTALLATION AND MATERIALS SHALL CONFORM TO WDNR CONSERVATION STANDARD

2. SILT FENCE SHALL BE PLACED ON THE CONTOUR AND NOT PERPENDICULAR TO THE CONTOUR. THE ENDS SHALL BE EXTENDED UPSLOPE TO PREVENT WATER FROM FLOWING AROUND THE ENDS OF

WOOD STAKES (2 PER -

2" X 30" MIN. LENGTH

<u>SECTION A-A</u>

≨ − A

 $A \longrightarrow$

7' NOM.

BALE) NOMINAL 2" X

OR EQUIVALENT

BALE SPACING ON

2 TO 5% 75 FEET

5 TO 10% | 50 FEET

> 50% PERMITTED

25 FEET

20 FEET

3. WHEN SILT FENCE IS INSTALLED ON A SLOPE, THE PARALLEL SPACING SHALL NOT EXCEED THE REQUIREMENTS IN THE TABLE BELOW:

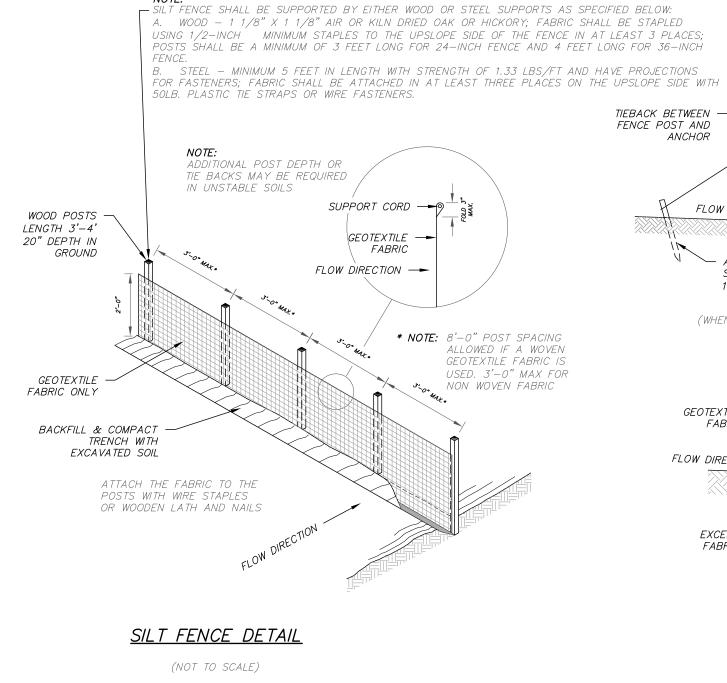
SLOPE	FENCE SPACING
< 2%	100 FEET
2 TO 5%	75 FEET
5 TO 10%	50 FEET
10 TO 33%	25 FEET
> .3.3%	20 FFFT

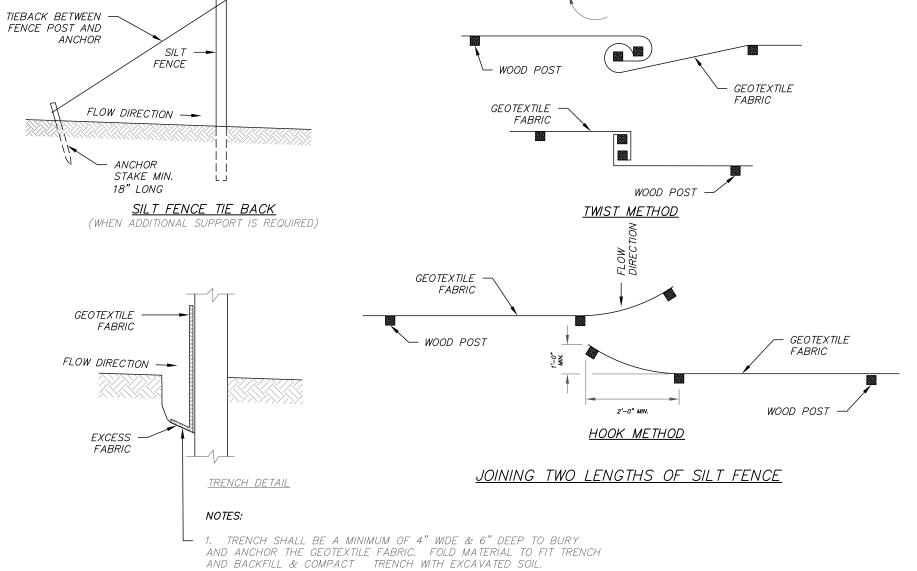
- 4. INSTALLED SILT FENCES SHALL BE MINIMUM 14 INCHES HIGH AND A MAXIMUM OF 28 INCHES IN HEIGHT MEASURED FROM THE INSTALLED GROUND ELEVATION. 5. A MINIMUM OF 20 INCHES OF THE POST SHALL EXTEND INTO THE GROUND AFTER INSTALLATION.
- 6. SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8 INCHES OF THE FABRIC IN A 4-INCH TRENCH WIDE BY 6-INCH DEEP TRENCH, OR 6-INCH V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. TRENCH SHALL BE BACKFILLED AND COMPACTED. TRENCHES SHALL NOT BE EXCAVATED WIDER THAN NECESSARY FOR PROPER INSTALLATION.
- 7. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS:
- A) TWIST METHOD——OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES. B) HOOK METHOD--HOOK THE END OF EACH SILT FENCE LENGTH.

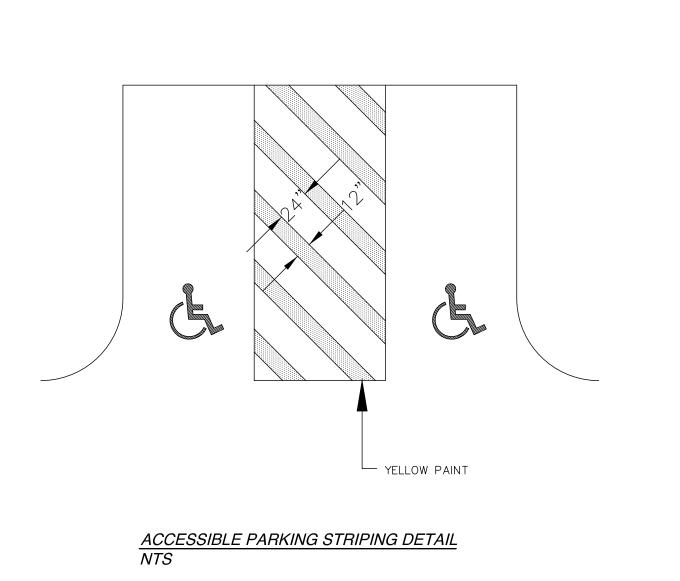
NO LONGER SUSCEPTIBLE TO EROSION.

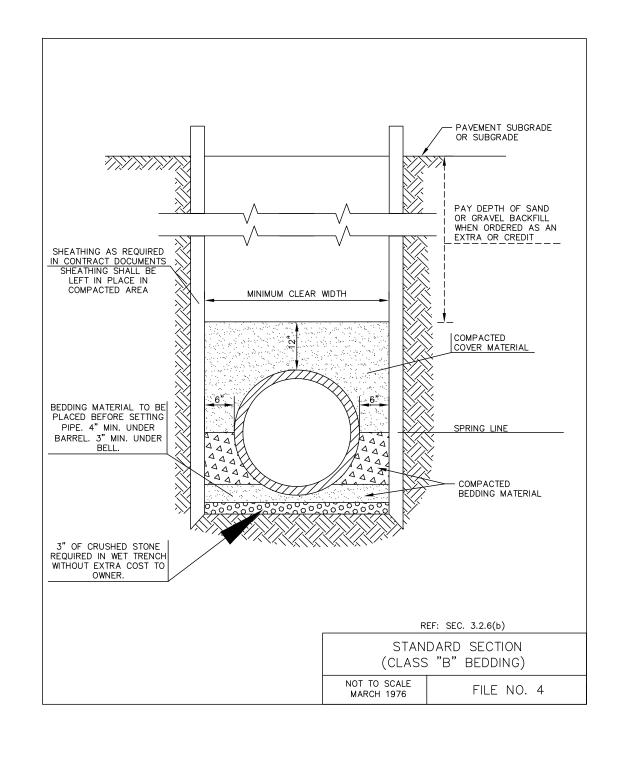
- 8. SILT FENCE SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EACH PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24-HOUR PERIOD.
- 9. DAMAGED OR DECOMPOSED FENCES, UNDERCUTTING, OR FLOW CHANNELS AROUND THE END OF BARRIERS SHALL BE REPAIRED OR CORRECTED.
- 10. SEDIMENT SHALL BE PROPERLY DISPOSED OF ONCE THE DEPOSITS REACH ONE HALF THE HEIGHT OF THE FENCE.

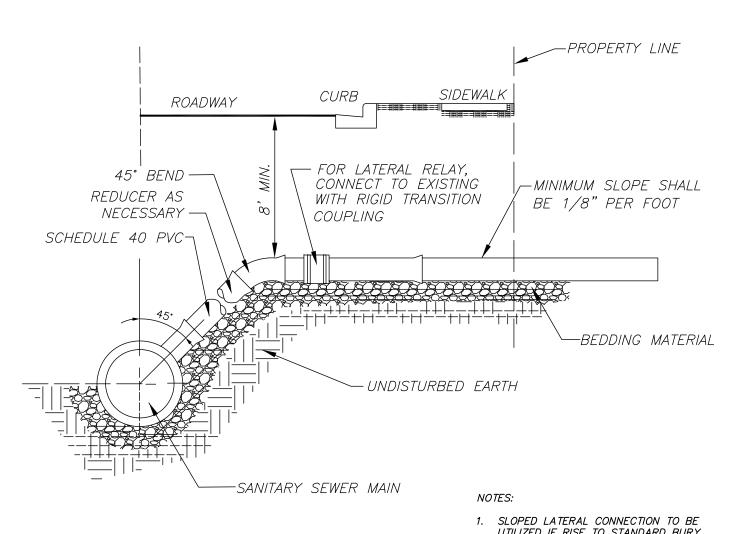
11. SILT FENCES SHALL BE REMOVED ONCE THE DISTURBED AREA IS PERMANENTLY STABILIZED AND IS

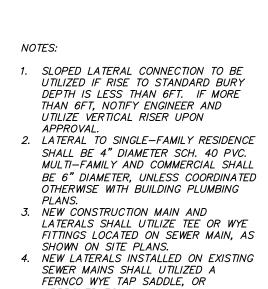




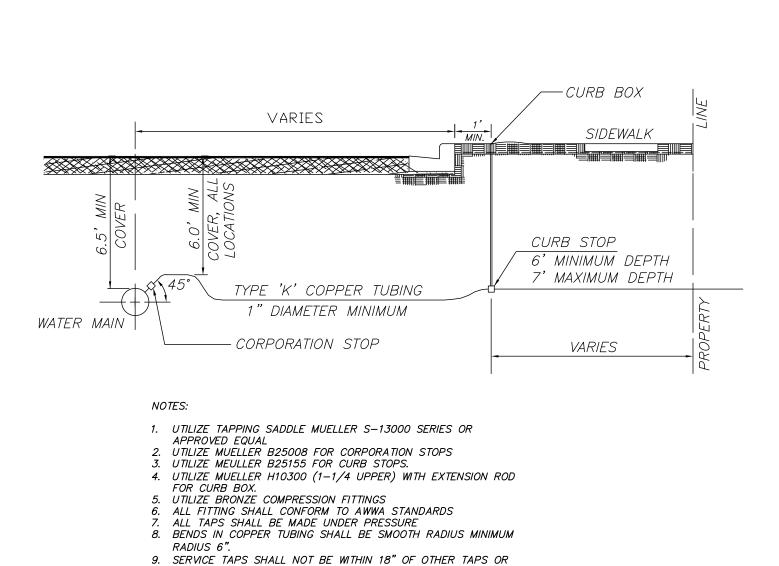


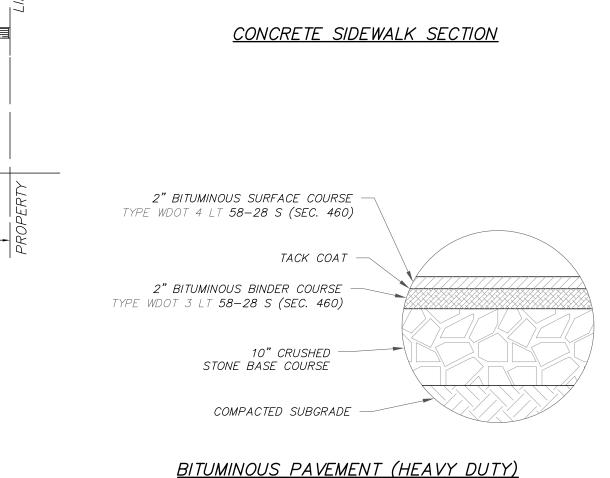






APPROVED EQUAL.





CONCRETE PAVEMENT

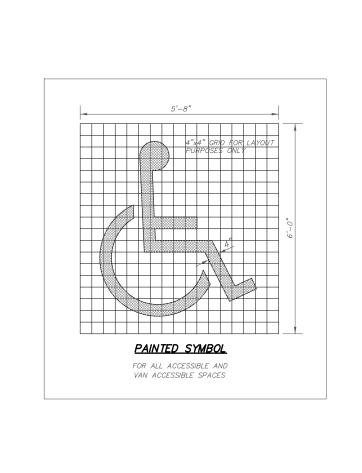
COMPACTED ---

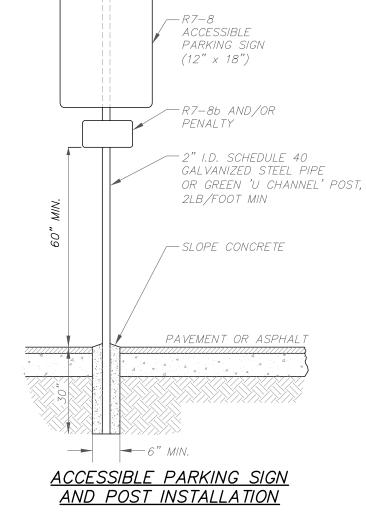
4" CRUSHED —

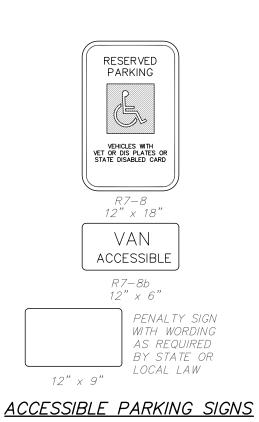
SUBGRADE

AGGREGATE BASE

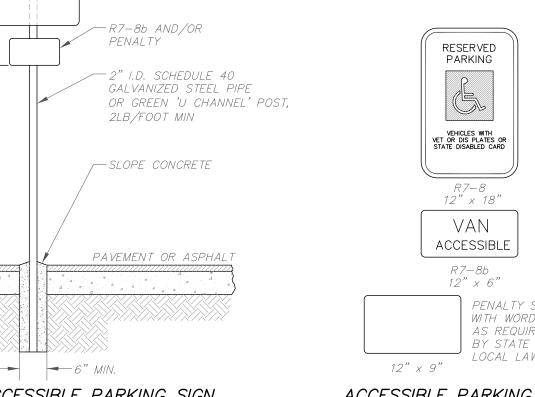
3/4" WDOT SEC. 305







ACCESSIBLE PARKING SYMBOL DETAIL



SANITARY SEWER LATERAL (NOT TO SCALE)

WATER SERVICE

(NOT TO SCALE)

WITHIN 24" OF MAIN JOINTS.



FILE: Y.\Projects\1801354 Spring City Jets\DWG\Base\ET1.dwg

PLOTTED: 12/3/2018 4:42:55 PM

DRAWING SET:

COMMISION

12-03-2018

2018-08.009

CONSTRUCTION NOTES

- 1. THE LANDOWNER OR THEIR AUTHORIZED AGENT SHALL KEEP APPROVED PLAN, PERMIT, AND EROSION CONTROL INSPECTION RECORDS ONSITE AT ALL TIMES UNTIL THE SITE IS STABILIZED AND NOTICE OF TERMINATION FILED.
- 2. CHANGES TO THIS PLAN MUST BE APPROVED BY CITY OF WAUKESHA, ENGINEER, AND OTHER JURISDICTIONAL AUTHORITIES PRIOR TO IMPLEMENTATION.
- 3. AT A MINIMUM, CONSTRUCTION SITE EROSION CONTROL INSPECTIONS SHALL BE CONDUCTED WEEKLY, AND WITHIN 24 HOURS OF AFTER A PRECIPITATION EVENT OF 0.5 INCH OR GREATER. A PRECIPITATION EVENT MAY BE CONSIDERED TO BE THE TOTAL AMOUNT OF PRECIPITATION IN ANY CONTINUOUS 24-HOUR PERIOD. CONTINUE THROUGH STABILIZATION.
- 4. MAINTAIN INSPECTION RECORDS WITH FORM 3400-017, CURRENT REVISION, OR DOCUMENT WITH EQUIVALENT INFORMATION AS PER NR 216.48(4)(c). RECORDS SHALL BE KEPT ONSITE AND AVAILABLE UPON REQUEST.
- 5. ALL EQUIPMENT USED FOR THE PROJECT SHALL BE DE-CONTAMINATED FOR INVASIVE AND EXOTIC VIRUSES AND SPECIES PRIOR TO AND AFTER USE. FOLLOW MOST RECENT DEPARTMENT APPROVED WASHING AND DISINFECTION PROTOCOLS AND DEPARTMENT APPROVED BEST MANAGEMENT PRACTICES.
- 6. WHEN POSSIBLE: PRESERVE EXISTING VEGETATION (ESPECIALLY ADJACENT TO SURFACE WATERS), MINIMIZE LAND-DISTURBING CONSTRUCTION ACTIVITY ON SLOPES OF 20% OR MORE, MINIMIZE SOIL COMPACTION, AND PRESERVE TOPSOIL.
- 7. IN THE EVENT DEWATERING BECOMES NECESSARY, NOTIFY ENGINEER IMMEDIATELY, AND OBTAIN APPROPRIATE PERMITS PRIOR TO CONTINUING WORK.
- 8. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
- 9. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
- 10. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE. MONITOR FOR ONE YEAR AFTER PROJECT COMPLETION. DURING MONITORING PERIOD, THE GRADING SITE SHALL BE INSPECTED REGULARLY, AND ANY AREAS REQUIRING ADDITIONAL STABILIZATION OR REVEGETATION SHALL BE ADDRESSED TO ENSURE FINAL STABILIZATION.
- 11. EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE AREAS THEY SERVE HAVE ESTABLISHED VEGETATIVE COVER, OR 70% GROWTH.
- 12. ONE YEAR AFTER PROJECT COMPLETION, A REPORT AND PHOTOGRAPHS SHALL BE SUBMITTED TO THE DEPARTMENT TO DEMONSTRATE THAT THE GRADING SITE IS STABILIZED. IF AFTER ONE YEAR, FINAL STABILIZATION HAS NOT BEEN ACHIEVED OR MAINTAINED, THE DEPARTMENT MAY REQUIRE THE LANDOWNER TO SUBMIT A REVISED VEGETATION PLAN TO THE DEPARTMENT, AND IMPLEMENT THE REVISED PLAN.
- 13. SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF—SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE CITY OF WAUKESHA. SEPARATE SWEPT MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
- 14. PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO RECEIVING CHANNEL.
- 15. MAKE PROVISIONS FOR WATERING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
- 16. INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AS NEEDED (SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATTLES, SWALES, ETC.), OR AS DIRECTED BY THE ENGINEER, CITY OF WAUKESHA, OR WDNR.
- 17. THIS PLAN INCLUDES WORK FOR THE CONSTRUCTION OF COMMERCIAL PROPERTY
- 18. THE FOLLOWING SEQUENCE OF EROSION CONTROL SHALL BE FOLLOWED:

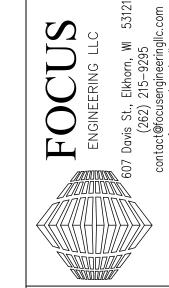
INSTALL PERIMETER EROSION CONTROL CONSTRUCTION GRADING STAGED TO MINIMIZE EXPOSED AREA REPAIR OF BREAKS AND GAPS IN SILT FENCE IMMEDIATELY

ONGOING SITE DUST CONTROL TEMPORARY AND FINAL STABILIZATION AND EROSION MATTING

EROSION CONTROL NOTES

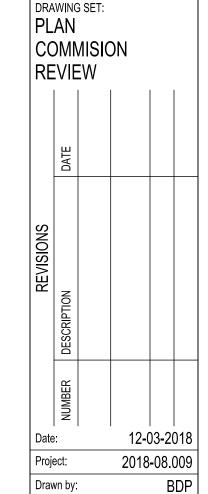
THE FOLLOWING EROSION CONTROL SPECIFICATIONS SHALL BE FOLLOWED FOR THIS PROJECT.

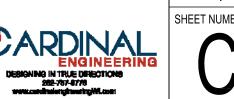
- 1. THESE BEST MANAGEMENT PRACTICES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBANCE ACTIVITIES.
- 1.1. SILT FENCE: SEE TECHNICAL STANDARD 1056 FOR FURTHER GUIDANCE.
- 1.1.A. SILT FENCE SHALL BE PLACED ON THE CONTOUR, NOT PERPENDICULAR TO THE CONTOUR. 1.1.B. THE ENDS OF THE FENCE SHALL BE EXTENDED UPSLOPE TO PREVENT WATER FROM FLOWING AROUND THE ENDS OF THE FENCE.
- 1.1.C. INSTALLED SILT FENCE SHALL BE MINIMUM 14 INCHES HIGH AND SHALL NOT EXCEED 28 INCHES IN HEIGHT MEASURED FROM THE INSTALLED GROUND ELEVATION. 1.1.D. SILT FENCES SHALL BE SUPPORTED BY WOOD SUPPORTS. FOR STEEL SUPPORTS, SEE FURTHER GUIDANCE IN WDNR TECHNICAL STANDARD 1056. THE FULL HEIGHT SHALL BE SUPPORTED BY
- 1-1/8" BY 1-1/8" AIR OR KILN DRIED POSTS OF HICKORY OR OAK. 1.1.E. THE FABRIC SHALL BE STAPLED, USING AT LEAST 0.5—INCH STAPLES, TO THE UPSLOPE SIDE OF THE POSTS IN AT LEAST 3 PLACES. THE POSTS SHALL BE A MINIMUM 3 FEET LONG FOR
- 24-INCH SILT FENCE AND 4 FEET FOR 36-INCH SILT FENCE FABRIC. 1.1.F. THE SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8 INCHES OF THE FABRIC IN A 4-INCH WIDE BY 6-INCH DEEP TRENCH, OR A S 6-INCH DEEP V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. THE TRENCH SHALL BE BACKFILLED AND COMPACTED. TRENCHES SHALL NOT BE EXCAVATED WIDER AND DEEPER THAN NECESSARY FOR PROPER INSTALLATION. ON THE
- TERMINAL ENDS OF SILT FENCE, THE FABRIC SHALL BE WRAPPED AROUND THE POST SUCH THAT THE STAPLES ARE NOT VISIBLE. 1.1.G. THE GEOTEXTILE FABRIC SHALL BE LISTED ON THE WISDOT PAL, OR AS DETAILED ON WDNR TECHNICAL STANDARD 1056. 1.1.H. SILT FENCES SHALL BE REMOVED ONCE THE DISTURBED AREA IS PERMANENTLY STABILIZED AND NO LONGER SUSCEPTIBLE TO EROSION.
- 1.2. TRACKING PAD: SEE TECHNICAL STANDARD 1057 FOR FURTHER GUIDANCE
- 1.2.A. THE TRACKING PAD SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE SITE.
- 1.2.B. THE AGGREGATE FOR TRACKING PADS SHALL BE 3 TO 6 INCH CLEAR OR WASHED STONE. ALL MATERIAL TO BE RETAINED ON A 3—INCH SIEVE. 1.2.C. THE AGGREGATE SHALL BE PLACED IN A LAYER AT LEAST 12 INCHES THICK. ON SITES WITH A HIGH WATER TABLE, OR WHERE SATURATED CONDITIONS ARE EXPECTED DURING THE LIFE OF THE
- PRACTICE, STONE TRACKING PADS SHALL BE UNDERLAIN WITH A WISDOT TYPE R GEOTEXTILE FABRIC TO PREVENT MIGRATION OF UNDERLYING SOIL INTO THE STONE. 1.2.D. THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT. THE TRACKING PAD SHALL BE AT A MINIMUM 50 FEET LONG.
- SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY FROM TRACKING PADS OR CONVEYED UNDER AND AROUND THEM BY USING
- A VARIETY OF PRACTICES, SUCH AS CULVERTS, WATER BARS, OR OTHER SIMILAR PRACTICES. 1.2.F. IF CONDITIONS ON THE SITE ARE SUCH THAT THE SEDIMENT IS NOT REMOVED FROM VEHICLE TIRES BY THE TRACKING PAD, THEN TIRES SHALL BE WASHED UTILIZING PRESSURIZED WATER BEFORE
- ENTERING A PUBLIC ROADS. 1.2.G. THE WASHING STATION SHALL BE LOCATED ON-SITE IN AN AREA THAT IS STABILIZED AND DRAINS INTO SUITABLE SEDIMENT TRAPPING OR SETTLING DEVICE.
- 1.2.H. THE WASH RACK SHALL CONSIST OF A HEAVY GRATING OVER A LOWERED AREA. THE RACK SHALL BE STRONG ENOUGH TO SUPPORT THE VEHICLES THAT WILL CROSS IT.
- 1.2.I. ROCKS LODGED BETWEEN THE TIRES OF DUAL WHEEL VEHICLES SHALL BE REMOVED PRIOR TO LEAVING THE CONSTRUCTION SITE.
- 2. THE FOLLOWING MEASURES SHALL BE FOLLOWED DURING ALL LAND DISTURBING OPERATIONS.
- 2.1. DUST CONTROL: SEE TECHNICAL STANDARD 1068 FOR FURTHER GUIDANCE.
- 2.1.A. THE IMPLEMENTATION OF DUST CONTROL SHALL LIMIT THE AREA EXPOSED FOR DUST GENERATION.
- 2.1.B. ASPHALT AND PETROLEUM BASED PRODUCTS CANNOT BE USED FOR DUST CONTROL. 2.1.C. MUCH AND VEGETATION — MUCH OR SEED AND MULCH MAY BE APPLIED TO PROTECT EXPOSED SOIL FROM BOTH THE WIND AND WATER EROSION, PER APPROPRIATE TECHNICAL STANDARDS.
- WATER WATER UNTIL THE SURFACE IS WET AND REPEAT AS NEEDED. WATER SHALL BE APPLIED AT RATES SO THAT RUNOFF DOES NOT OCCUR. TREATED SOIL SURFACES THAT RECEIVE VEHICLE TRAFFIC REQUIRE A STONE TRACKING PAD OR TIRE WASHING AT ALL POINTS OF ACCESS.
- 2.1.E. TILLAGE A CONTROL MEASURE PERFORMED WITH CHISEL TYPE PLOWS ON EXPOSED SOILS. TILLAGE SHALL BEGIN ON THE WINDWARD SIDE OF THE SITE. TILLAGE IS ONLY APPLICABLE TO FLAT
- 2.1.F. POLYMERS POLYMERS CAN BE AN EFFECTIVE PRACTICE FOR AREAS THAT DO NOT RECEIVE VEHICLE TRAFFIC. DRY APPLIED POLYMERS MUST BE INITIALLY WATERED FOR ACTIVATION TO BE
- EFFECTIVE FOR DUST CONTROL. 2.1.G. TACKIFIERS AND SOIL STABILIZERS TYPE A - PRODUCTS MUST BE SELECTED FROM AND INSTALLED AT RATES CONFORMING TO THE WISDOT EROSION CONTROL PAL.
- CHLORIDES CHLORIDES SHALL BE APPLIED ACCORDING TO THE MOST RECENT VERSION OF THE WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION.
- BARRIERS BARRIERS SHALL BE PLACED AT RIGHT ANGLES TO PREVAILING WIND CURRENTS AT INTERVALS OF ABOUT 15 TIMES THE BARRIER HEIGHT. SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND BLOWN SOIL.
- 3. THE FOLLOWING MEASURES SHALL BE FOLLOWED UPON TEMPORARY AND FINAL SITE RESTORATION
- 3.1. SITE SEEDING: SEE TECHNICAL STANDARD 1059 FOR FURTHER GUIDANCE.
- 3.1.A. TEMPORARY SEEDING REQUIRES A SEEDBED OF LOOSE SOIL TO A MINIMUM DEPTH OF 2-INCHES.
- 3.1.B. FERTILIZER APPLICATION IS NOT GENERALLY REQUIRED FOR TEMPORARY SEEDING. HOWEVER, ANY APPLICATION OF FERTILIZER OR LIME SHALL BE BASED ON SOIL TESTING RESULTS.
- 3.1.C. THE SOIL SHALL HAVE A pH RANGE OF 5.5 TO 8.0
- 3.1.D. TOPSOIL INSTALLATION SHALL BE COMPLETED PRIOR TO PERMANENT SEEDING
- 3.1.E. PERMANENT SEEDING REQUIRES A SEEDBED OF LOOSE TOPSOIL TO A MINIMUM DEPTH OF 4-INCHESS WITH THE ABILITY TO SUPPORT A DENSE VEGETATIVE COVER. 3.1.F. APPLICATION RATES OF FERTILIZER OR LIME SHALL BE BASED ON SOIL TESTING RESULTS.
- 3.1.G. PREPARE A TILLED, FINE BUT FIRM SEEDBED. REMOVE ROCKS, TWIGS, FOREIGN MATERIAL AND CLODS OVER TWO INCHES THAT CANNOT BE BROKEN DOWN.
- 3.1.H. THE SOIL SHALL HAVE A pH RANGE OF 5.5 TO 8.0 3.1.I. SEE MIXTURES THAT WILL PRODUCE DENSE VEGETATION SHALL BE SELECTED BASED ON SOIL AND SITE CONDITIONS AND INTENDED FINAL USE.
- 3.1.J. SEED MIXTURES THAT CONTAIN POTENTIALLY INVASIVE SPECIES OR SPECIES THAT MAY BE HARMFUL TO NATIVE PLANT COMMUNITIES SHALL BE AVOIDED. 3.1.K. SEED SHALL NOT BE USED LATER THAN ONE YEAR AFTER THE TEST DATE THAT APPEARS ON THE LABEL.
- 3.1.L. SEED RATES, INOCULATION, AND SOWING, SHALL ALL CONFORM TO THE TECHNICAL STANDARD, MANUFACTURERS RECOMMENDATIONS, AND THE WISDOT PAL.
- 3.2. NON-CHANNEL EROSION MAT: SEE TECHNICAL STANDARD 1052 FOR FURTHER GUIDANCE.
- 3.2.A. ONLY WISDOT PAL APPROVED MATS WILL BE ACCEPTED FOR THIS PROJECT. SEE THE PAL FOR ACCEPTABLE SLOPE AND SLOPE LENGTH APPLICATIONS. TO DIFFERENTIATE APPLICATIONS, EROSION MATS ARE ORGANIZED INTO THREE CLASSES OF MATS, WHICH ARE FURTHER BROKEN DOWN INTO VARIOUS TYPES. FOLLOW THE INFORMATION CALLED FOR IN THE PLANS AND SPECIFICATIONS PROVIDED HEREIN AND IN THE WISDOT PAL.
- 3.2.B. ECRM'S SHALL BE INSTALLED AFTER ALL TOPSOILING, FERTILIZING, LIMING, AND SEEDING IS COMPLETE.
- 3.2.C. THE MAT SHALL BE IN FIRM AND INTIMATE CONTACT WITH THE SOIL. IT SHALL BE INSTALLED AND ANCHORED PER THE MANUFACTURER'S RECOMMENDATION.
- 3.2.D. TRM SHALL BE INSTALLED IN CONJUNCTION WITH THE TOPSOILING OPERATION AND SHALL BE FOLLOWED BY ECRM INSTALLATION.
- 3.2.E. AT TIME OF INSTALLATION, DOCUMENT THE MANUFACTURER AND MAT TYPE BY RETENTION OF MATERIAL LABELS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS. RETAIN THIS DOCUMENTATION UNTIL THE SITE HAS BEEN STABILIZED.



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CONSTRUCTION LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED. 8. THE DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES, INCLUDING, BUT NOT LIMITED TO BRACING AND SHORING. OBSERVATION VISITS TO THE SITE BY FIELD REPRESENTATIVES OF THE ENGINEER SHALL NOT INCLUDE INSPECTIONS OF THE PROTECTIVE MEASURES OR THE CONSTRUCTION PROCEDURES. ANY SUPPORT SERVICES PERFORMED BY THE ENGINEER DURING THE CONSTRUCTION SHALL BE DISTINGUISHED FROM CONTINUOUS AND DETAILED INSPECTION SERVICES WHICH ARE FURNISHED BY OTHERS. THESE SUPPORT SERVICES PERFORMED BY THE ENGINEER ARE FOR THE PURPOSE OF QUALITY CONTROL AND IN THE INTEREST OF ACHIEVING COMPLIANCE WITH THE CONTRACT DOCUMENTS. THEY DO NOT GUARANTEE THE CONTRACTORS PERFORMANCE AND SHALL NOT BE CONSTRUED AS CONSTRUCTION SUPERVISION. 9. THE SHOP DRAWING REVIEW PROCESS BY THE ENGINEER WILL ONLY COMMENCE AFTER THE PREPARATION OF SHOP DRAWINGS HAVE BEEN AS FOLLOWS: A. INITIALLY REVIEWED AND ACCEPTED AS CONFORMING WITH THE CONSTRUCTION DRAWINGS BY THE RESPONSIBLE SUPERVISOR AND DRAWING CHECKER WITH THEIR SIGNATURES. B. APPROVED AND ACCEPTED WITH A STAMP FROM THE GENERAL CONTRACTOR AS CONFORMING TO THE CONSTRUCTION DOCUMENTS

C. A MINIMUM OF 10 WORKING DAYS HAS BEEN ALLOCATED FOR THE REVIEW PROCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR

GENERAL CONSTRUCTION NOTES

THE COORDINATION OF THE SHOP DRAWING REVIEW SCHEDULE. 10. SEE THE SPECIFICATIONS PACKAGE PRODUCED FOR ADDITIONAL REQUIREMENTS, IF APPLICABLE

FOUNDATION NOTES

1. IF A SOILS REPORT IS AVAILABLE IT SHALL BE INCLUDED IN ITS ENTIRETY AS PART OF THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR AND CONCRETE SUBCONTRACTOR SHALL REVIEW AND FAMILIARIZE THEMSELVES WITH THE SOILS REPORT. WHEN A SOILS REPORT IS NOT PROVIDED, MINIMUM ASSUMED VALUES SHALL BE USED.

. SOILS REPORT BY: N/A

SOIL DESIGN VALUES:ASSUMED GW OR GP (SANDY GRAVEL OR GRAVEL) CONTINUOUS FOOTINGS:.....ASSUMED 2000 P.S.F. ISOLATED PAD FOOTINGS:.....ASSUMED 2000 P.S.F. LATERAL PASSIVE PRESSURE:.....ASSUMED 30 P.S.F. PER FT. FROST PENETRATION LEVEL:.....48"

IF ACTUAL CONDITIONS ARE DIFFERENT (SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, AND CLAYEY GRAVEL - TYPES SW, SP, SM, SC, GM, GCOR CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT AND SANDY SILT TYPES CI, ML, MH, CH) WITH LOWER BEARING CAPACITIES, NOTIFY ENGINEER IMMEDIATELY.

ALL FOOTINGS ARE INDICATED BY DASHED LINES. SEE DETAILS FOR SIZE AND TYP. REINFORCING.

FOOTINGS SHALL BE CAST ON UNDISTURBED SUBSOIL OR COMPACTED FILL.

UNSPECIFIED WALL FOOTINGS SHALL BE TWICE THE WIDTH OF THE SUPPORTED WALL AND AS DEEP AS THE WALL THICKNESS.

EXCAVATION DEPTHS FOR THE FOUNDATIONS SHOWN ON THE DRAWINGS ARE TO BE MEASURED FROM THE LOWEST ADJACENT UNDISTURBED SOIL GRADE OR APPROVED COMPACTED EARTH GRADE WITH AT LEAST 5-0" MINIMUM HORIZONTAL DISTANCE TO DAYLIGHT AT BOTTOM OF FOUNDATION EXCAVATION, U.N.O.

TOPSOIL OR UNSUITABLE FILL BELOW SLABS ON GRADE SHALL BE REMOVED. BACK FILL UNDER SLABS AND AGAINST WALLS SHALL BE BANK-RUN GRAVEL COMPACTED IN 6" LAYERS. SLABS ON GRADE SHALL BE CAST ON AT LEAST 6" OF COMPACTED GRAVEL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SHORING NECESSARY TO SUPPORT ANY CUT AND FILL BANKS DURING EXCAVATION, AND FOR

FORMING AND PLACEMENT OF CONCRETE AND DRAINAGE. FILLING AND BACK FILLING SHALL BE COMPACTED TO A MINIMUM OF 90% OR MORE IF SO NOTED, OF MAXIMUM DENSITY IN ACCORDANCE WITH THE

SOILS REPORT AND ASTM TEST METHOD D-1557-78. FLOODING OF BACK FILL IS NOT PERMITTED. ALL FILL AND BACK FILL MATERIAL SHALL BE APPROVED BY THE PROJECT SOILS ENGINEER WHERE APPLICABLE.

WATER SHALL BE REMOVED FROM FOUNDATION EXCAVATIONS PRIOR TO PLACEMENT OF CONCRETE. CARE SHALL BE TAKEN SO AS NOT TO DRY OUT

UNLESS NOTED OTHERWISE, CURBS, GUTTERS, AND SIDEWALK AREAS OF THE SLABS MAY BE PLACED DIRECTLY ON APPROVED 90% MIN. COMPACTED

DO NOT BACK FILL AGAINST WALLS UNTIL THE STRUCTURAL FLOOR SLAB IS IN PLACE AND WALL IS CURED AT LEAST SEVEN (7) DAYS OR UNTIL THE WALL IS ADEQUATELY BRACED.

CONCRETE NOTES:

VOIDS THOUGH TESTING.

1. ALL CONCRETE DESIGN AND CONSTRUCTION SHALL CONFORM WITH THE CURRENT ADOPTED EDITION OF THE ACI CODE AND SPECIFICATIONS (ACI 318, ACI

THE SPECIFIED COMPRESSIVE STRENGTH OF THE CONCRETE (fc) FOR EACH PORTION OF THE STRUCTURE SHALL BE AS DESIGNATED BELOW, UNLESS NOTED OTHERWISE ON THE PLANS. STRENGTH REQUIREMENTS SHALL BE BASED ON A 28-DAY COMPRESSIVE STRENGTH TEST.

. CONCRETE DESIGN STRENGTH (fc) WALLS.....

AGGREGATE MUST HAVE A UNIFORM DISTRIBUTION OF PARTICAL SIZE RANGING FROM 0.118" TO 1" (TYP). IN 4" WALLS MAXIMUM SIZE IS 3/4" AT THE TIME OF PLACEMENT, CONCRETE USED IN WALLS SHOULD HAVE A SLUMP VALUE OF 4-5". PLACE CONCRETE IN MAXIMUM OF 4' LIFTS. CONTRACTOR SHALL CONSOLIDATE PLACED CONCRETE WITH AN INTERNAL VIBRATOR OR PROVIDE EXTERNAL VIBRATION WHICH IS PROVEN TO ELIMINATE

6. CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS PRIOR TO PLACING CONCRETE.

DO NOT PLACE OR CUT HOLES IN CONCRETE SLABS, BEAMS, COLUMNS OR WALLS WITHOUT PRIOR APPROVAL OF THE ENGINEER.

8. ALL FOUNDATION WALL THICKNESS PER PLAN. SEE DETAILS FOR TYP. REINFORCING.

EXTERIOR EXPOSED CONCRETE SHALL BE AIR-ENTRAINED. MINIMUM CONTENT SHALL BE SIX PERCENT (6%.) ALLOW AT LEAST 24 HOURS BEFORE POURING ADJACENT WALL SECTIONS BETWEEN CONSTRUCTION JOINTS. MAXIMUM LENGTH OF POUR TO BE 40 FEET, UNLESS CRACK INDUCERS ARE USED.

NO HOLES, TRENCHES, OR DISTURBANCES OF THE SOIL SHALL BE ALLOWED WITHIN THE VOLUME DESCRIBED BY 45 DEGREE LINES SLOPING FROM THE BOTTOM EDGE OF THE FOOTING. IF SUCH ARE REQUIRED, FOOTINGS MUST BE LOWERED.

2. PIPES AND CONDUITS EMBEDDED IN OR PASSING THROUGH STRUCTURAL MEMBERS MUST BE APPROVED BY THE ENGINEER. PIPE AND CONDUITS EMBEDDED IN CONCRETE SHALL NOT BE LARGER IN OUTSIDE DIAMETER AT ITS WIDEST POINT OR FITTING THAN 2" NOR 1/3 OF THE THICKNESS OF THE SLAB,

ELECTRICAL CONDUIT OR PIPES EMBEDDED IN OR PASSING THROUGH FLOORS, WALLS OR BEAMS SHALL BE LOCATED AND PLACED SO THAT: THEY ARE NOT CLOSER THAN 3 DIAMETERS ON CENTER.

THE CONCRETE COVER IS NOT LESS THAN 1". THEY RUN BETWEEN REINFORCING & DO NOT DISPLACE IT.

4. SLABS ON GRADE SHALL BE CAST ALLOWING A SUFFICIENT NUMBER OF JOINTS TO ADEQUATELY CONTROL SHRINKAGE CRACKING. SAW CUTTING SHALL BE DONE AS SOON AS SAW CUT WILL NOT RAVEL CONCRETE OR WITHIN 16 HOURS MAXIMUM OF INITIAL POURING OPERATION. MAXIMUM SIZE OF

PANELS 12' X 12' UNLESS APPROVED BY THE ENGINEER.

5. SLABS ON GRADE SHALL BE THICKNESS AS NOTED ON DRAWINGS AND REINFORCED WITH 6" X 6" X #10/10 WELDED WIRE MESH U.N.O.

REINFORCING STEEL NOTES:

1. INSTALL ALL REINFORCING STEEL IN ACCORDANCE WITH THE C.R.S.I. "MANUAL OF STANDARD PRACTICE" U.N.O.

REINFORCING STEEL DESIGN STRENGTH: #3 & #4 REINFORCEMENT BAR..... #5 REINFORCING BAR AND LARGER:.....A-615 GRADE 60

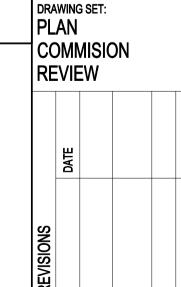
WELDED WIRE REINFORCING MESHASTM A-185 FIELD WELDED REINFORCING STEEL......ASTM A-706 GRADE 60

BARS SHALL BE CLEAN OF RUST, GREASE OR OTHER MATERIAL LIKELY TO IMPAIR CONCRETE BONDING.

LAP ALL SPLICES 72 BAR DIAMETERS. LAP WELDED WIRE MESH 6" UNLESS OTHERWISE DETAILED. REINFORCING STEEL SHALL HAVE CONCRETE COVER PROTECTION FOR REINFORCING BARS AS LISTED IN SECTION 7 OF ACI 318 UNLESS OTHERWISE

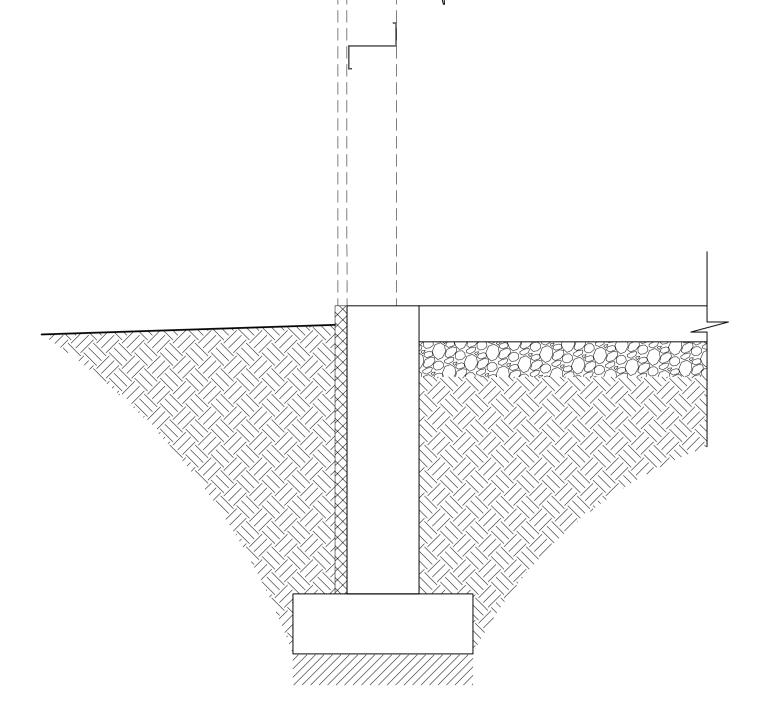
DOWELS SHALL BE PROVIDED AT CONSTRUCTION JOINTS AND SHALL BE THE SAME SIZE AND SPACING AS THE REINFORCING SHOWN FOR THE

PROVIDE 36" HOOK INTO INTERSECTING WALL AT ALL WALL CORNERS FROM HORIZONTAL REINFORCEMENT UNLESS OTHERWISE DETAILED.

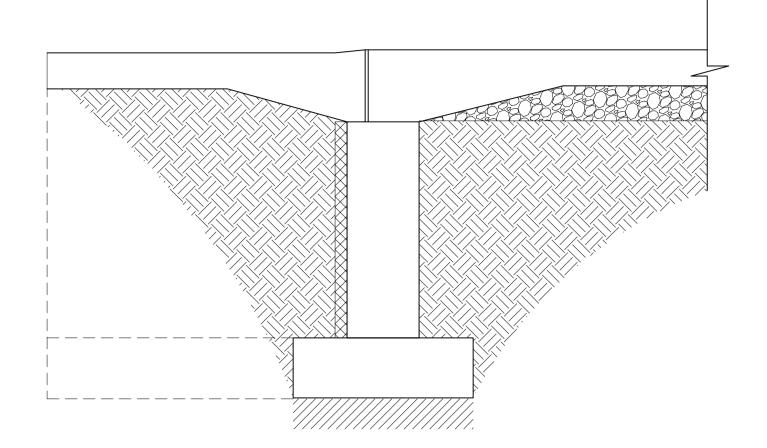


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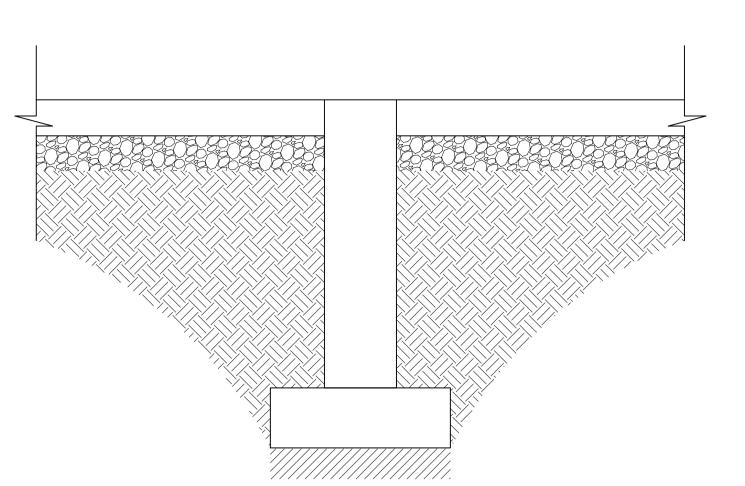
1. NO CHANGES ARE TO BE MADE TO THESE PLANS WITHOUT THE KNOWLEDGE AND WRITTEN CONSENT OF THE ENGINEER. 2. ALL DIMENSIONS CONTROLLED BY EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE. 3. CONSTRUCTION AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE REQUIREMENTS OF ALL LEGALLY CONSTITUTED PUBLIC AUTHORITIES HAVING JURISDICTION ON THE PROJECT, INCLUDING ALL COUNTY AND LOCAL ORDINANCES, AND THE SAFETY ORDERS OF THE STATE INDUSTRIAL ACCIDENT 4. THE GENERAL CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES FOUND WITHIN THE CONTRACT DOCUMENTS. 5. ALL WORK PERFORMED SHALL CONFORM WITH THE REQUIREMENTS OF THE CURRENT BUILDING CODE AND OTHER APPLICABLE GOVERNING CODES AND BUILDING ORDINANCES. REFER TO BUILDING DESIGN LOADS FOR ADDITIONAL INFORMATION. 6. ALL STRUCTURAL MATERIALS SHALL BE FURNISHED AS SHOWN IN THESE PLANS UNLESS ALTERNATES ARE APPROVED IN WRITING BY THE ENGINEER. 7. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND PROVIDING BRACING DURING CONSTRUCTION ERECTION TO SUPPORT ALL



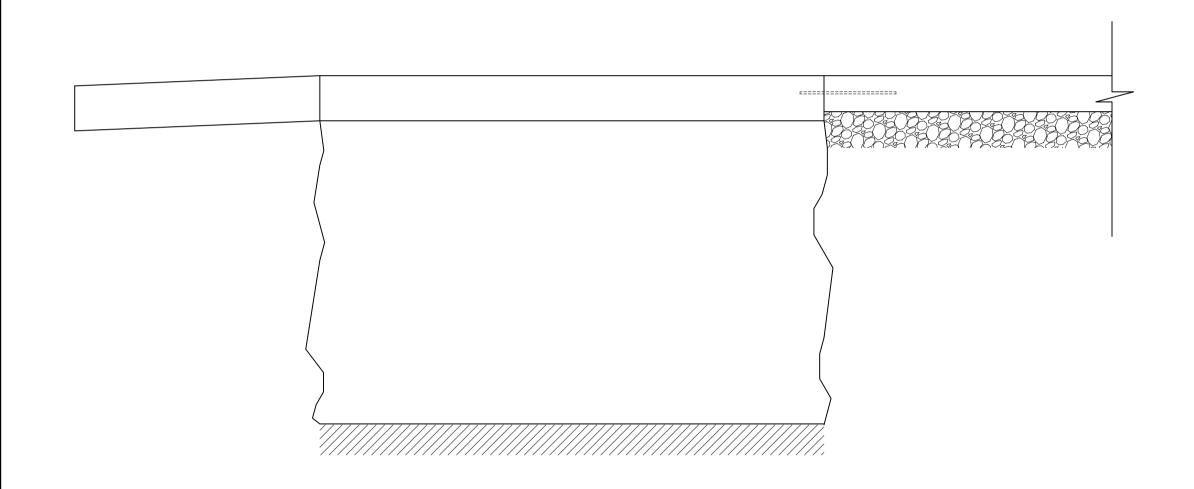




02 TYPICAL FOUNDATION WALL AT EXT. DOOR AND STOOP

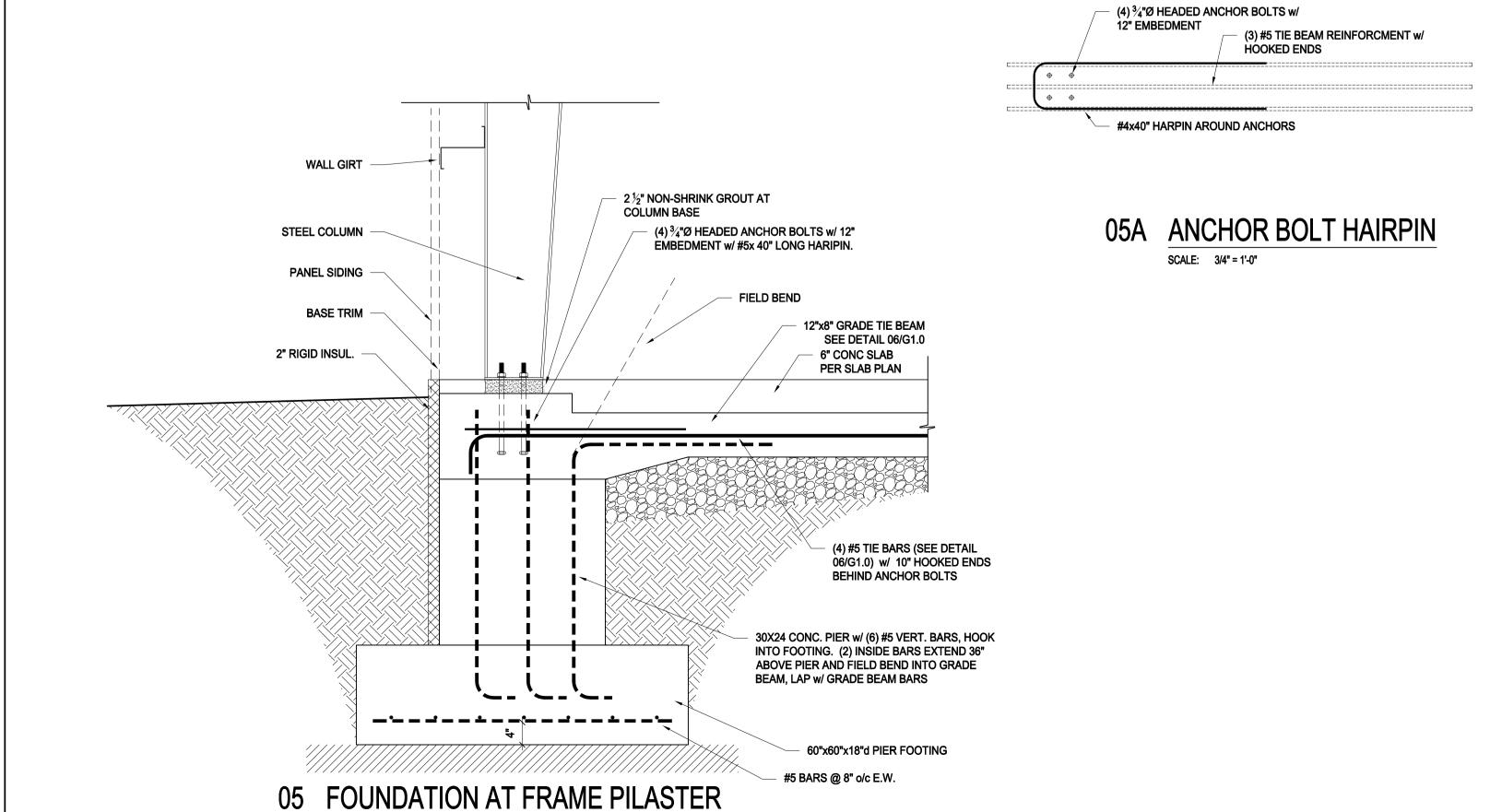


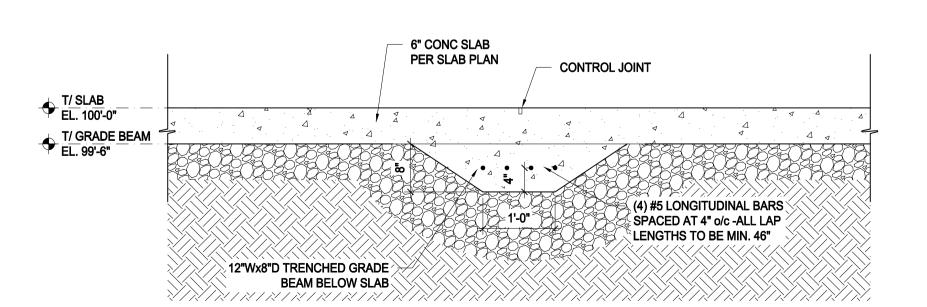
03 INTERIOR FOUNDATION WALL



04 TRENCH WALL AT HANGER DOOR

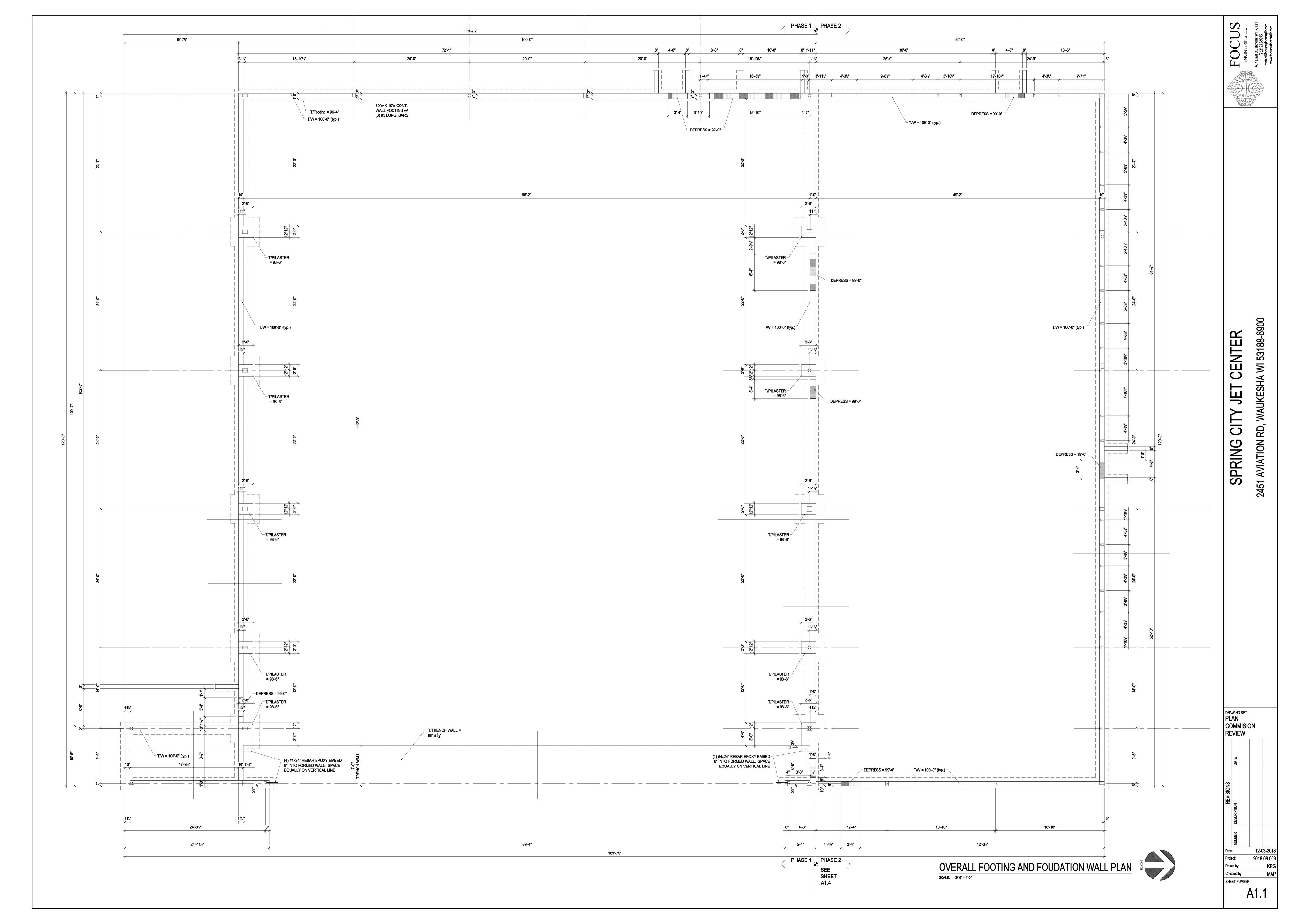
SCALE: 3/4" = 1'-0"

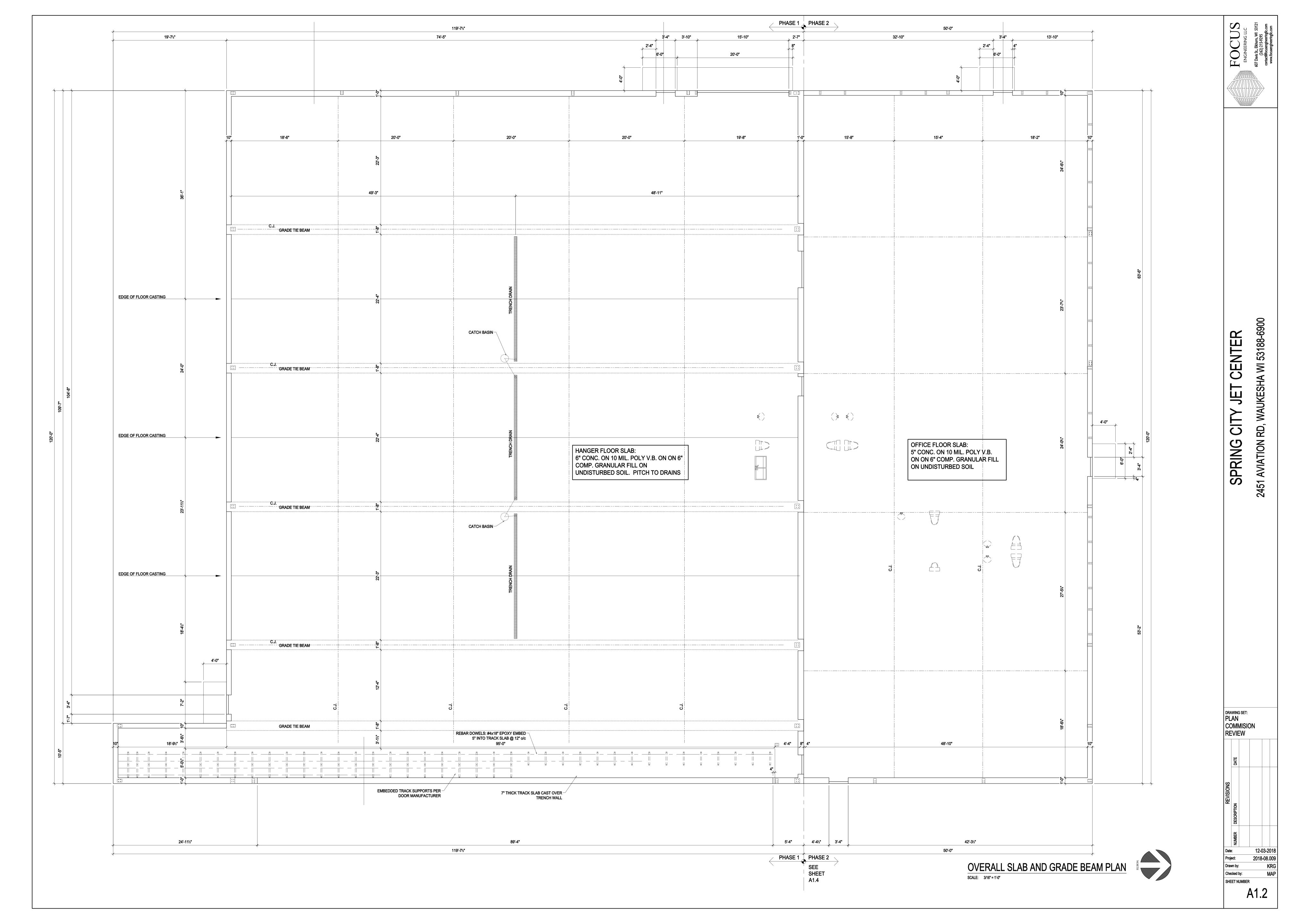




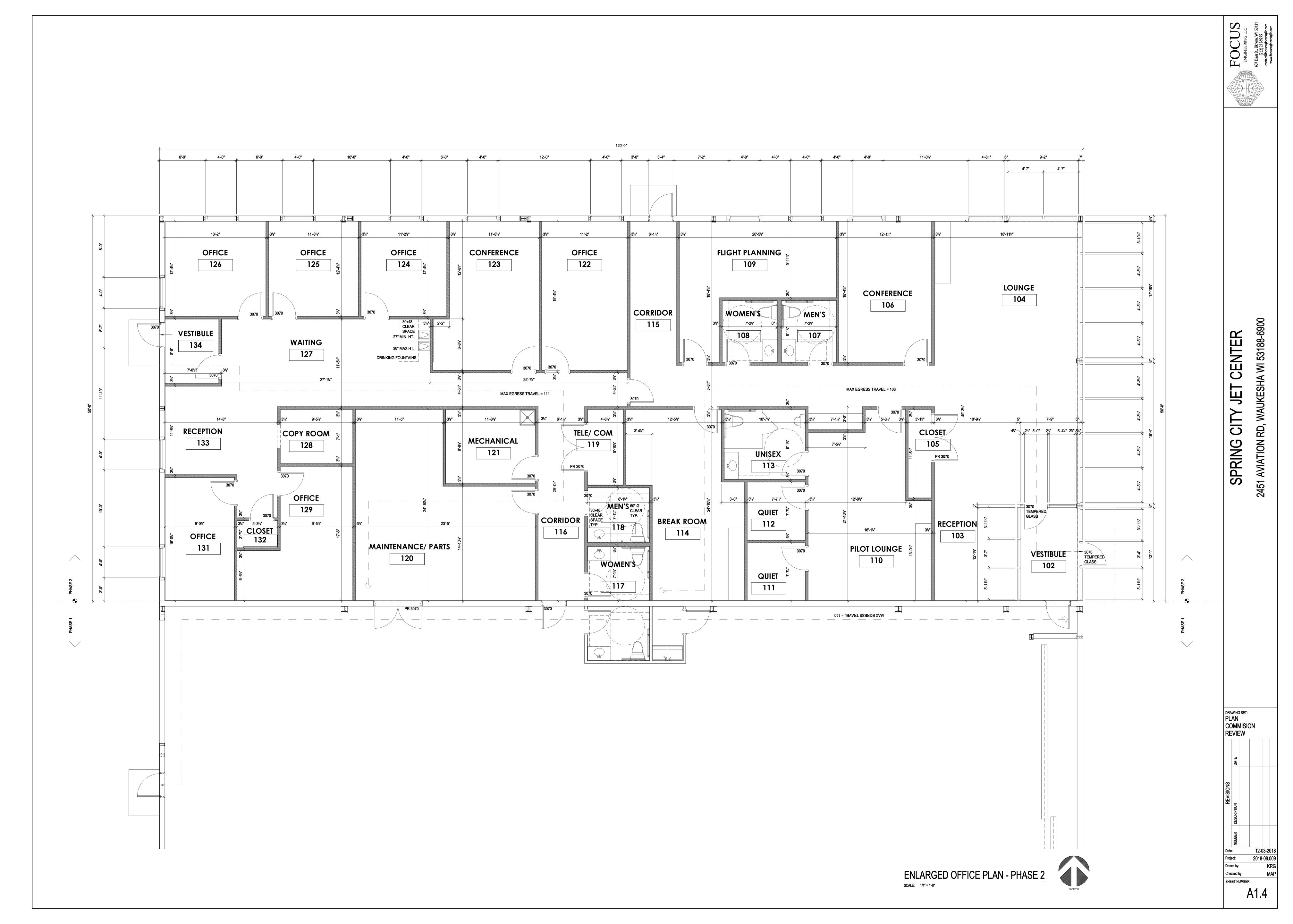
06 AT GRADE TIE BEAM SCALE: 3/4" = 1'-0"

SHEET NUMBER





A1.3



SPRING CIT

SPRING CITY JET CENTER

DRAWING SET:
PLAN
COMMISION
REVIEW

Date: 12-03-2

A2.2