

ADDENDUM NUMBER 1

JOHNSONS PARK PAVILION
Site # 771, Bldg. # 1670
1919 W Fond Du Lac Ave
Milwaukee, WI 53205

Project Number: P271-13621

Date of Addendum: July 8, 2015

This Addendum to the Contract Documents is issued to modify, explain or correct the original documents, dated June 24, 2015, and is hereby made part of the Contract Documents.

MODIFICATIONS & CLARIFICATIONS TO SPECIFICATIONS

1. Document 00300 – Information Available to Bidders:

a. **ADD** 00300, 1.5, as follows:

“1.5 SITE REVITALIZATION CONSTRUCTION DOCUMENTS

A. A copy of the Construction Documents (Drawings and Specifications) for the Johnson Park Site Revitalization are available for viewing at the office of the Milwaukee County Department of Administrative Services, Facilities Management Division, Architecture, Engineering and Environmental Services Section, 633 West Wisconsin Avenue, Suite 1000, during regular business hours (8:00 A.M. to 3:30 P.M. Monday thru Friday).

B. Titled as follows:

Johnsons Park Revitalization, Dated April 28, 2015, and prepared by: Ayres Associates (formerly SAA Design Group, Inc.) for the Center for Resilient Cities.

C. Electronic copies of the documents will be provided upon request.

a. For further information contact Milwaukee County Architecture, Engineering and Environmental Services: 414-278-4260.”

2. Specification Section 01230 – Alternatives:

a. **REVISES** 01230, 1,1, C, 1, as follows:

“Alternative A: State addition to Total Base Bid to install Owner Furnished pre-engineered, glue laminated wood, factory-fabricated site shelter as indicated in Specification Section 10 73 46 - Owner Furnished Contractor Installed (OFCI) Pre-Fabricated Site Shelters. Work shall include all shelter concrete foundations, concrete embedment (anchor bolts, wire mesh, rebar, etc.), sub-on-grading concrete pad, excavation, base materials, concrete pavement connection, finish painting, deck & fascia nails, grading, site restoration top soil and seeding as indicated on drawings.”

3. Specification Section 10 73 46 – Pre-Fabricated Site Shelters:
 - a. **REPLACE** Specification Section “10 73 46 – Pre-Fabricated Site Shelters” with attached Specification Section “10 73 46 – Owner Furnished Contractor Installed (OFCl) Pre-Fabricated Site Shelters”

MODIFICATIONS & CLARIFICATIONS TO DRAWINGS

1. Sheets C100 – Site Layout & Utilities:
 - a. **REPLACE** Sheet C100 Dated 06/24/15 with attached Sheet C100.
2. Sheets C200 – Site Grading, Erosion Control, & Details:
 - a. **REPLACE** Sheet C200 Dated 06/24/15 with attached Sheet C200.
3. Sheets A000 – Code Compliance:
 - a. **REPLACE** Sheet A000 Dated 06/24/15 with attached Sheet A000.
4. Sheets A500 – Details, Legends, & Schedules:
 - a. **REPLACE** Sheet A500 Dated 06/24/15 with attached Sheet A500.
5. Sheets A501 – Details:
 - a. **REPLACE** Sheet A501 Dated 06/24/15 with attached Sheet A501.

SUBSTITUTION REQUESTS

Subject to compliance with the requirements in the specifications and shop drawing or submittal review, the following substitutions have received pre-approval for bidding purposes:

1. Specification 07 26 70 – Air and Moisture Barrier
 - a. 07 26 70, 2.1 Fluid-Applied Moisture Barrier: “TK Products: TK-AirMAX 2013 WB Non-Permeable”

End of Addendum No. 1

SECTION 10 73 46
OWNER FURNISHED CONTRACTOR INSTALLED (OFCI)
PRE-FABRICATED SITE SHELTERS
(Alternative A)

PART 1 GENERAL

1.1 SUMMARY

- A. Owner Furnished Contractor Installed (OFCI) pre-engineered, glue laminated wood, factory-fabricated site shelter.
- B. Site work related to installation, by Contractor, including:
 - 1. Unloading and temporary storage, if any.
 - 2. Site preparation.
 - 3. Column footings, column anchor bolts, and embedment of column anchors.
 - 4. Concrete slab and concrete embedments.
 - 5. Erection / installation.
 - 6. Field touch up painting of factory finishes, if necessary.
- C. Site work related to installation, by Owner, including:
 - 1. Soil testing, if necessary.
- D. Site access for delivery vehicles shall be provided by Owner.

1.2 SYSTEM DESCRIPTION

- A. Pre-fabricated Site Shelter Model: LW-OKA-G2444-04 as manufactured by RCP Shelters, Inc., provided by Owner and installed by Contractor. Pre-fabricated parts include,
 - 1. Size and dimensions
 - a. Shape: rectangle
 - b. Dimensions: 24' x 44'
 - c. Roof Style: gable
 - d. Roof Pitch: 4:12
 - e. Eave Height: minimum clearance at eave or beneath ornamentation shall be 7'-6"
 - f. Quantity: 1
 - 2. Steel
 - a. Columns: ASTM A500 Grade B structural steel tube. The following shapes are prohibited: I-beams, wide-flange beams, C-channels, Z-shapes.
 - b. Plates: ASTM A572 Grade 50
 - c. Fasteners: 4 gauge hot-dipped galvanized annular ring nails
 - d. Base Shoes: hot-dipped galvanized
 - 3. Glued Laminated Wood
 - a. Species: Southern Yellow Pine
 - b. Appearance Grade: Architectural
 - c. Lamination Thickness: 2" Nominal
 - d. Adhesive: Resorcinol
 - e. Stress Combination: 24F-V3
 - f. Preservation Treatment: None
 - g. Size: Per engineered drawings
 - 4. Structural Wood Roof Deck
 - a. Species: #1 grade Southern Yellow Pine, kiln dried

- b. Treatment: none
 - c. Size: nominal 2" x 8"
 - d. Pattern: center matched, tongue and groove, with veed edges 1 side (EV1S)
5. Fascia
- a. Species: #1 grade Southern Yellow Pine, kiln dried
 - b. Treatment: Penta Type C, 0.3pcf
 - c. Size: nominal 2" x 6"
6. Roof System: Medallion-Lok True Standing Seam
- a. Panel Profile: Galvalume® panels with 1-3/4" high ribs
 - b. Panel Gauge: 24-gauge
 - c. Panel Width: 16"
 - d. Panel Length: Precut to the length from the eave to the ridge
 - e. Panel Orientation: Ribs shall run with the pitch of the roof for proper drainage
 - f. Trim: Provide matching roof trim and fasteners
- B. Contractor to provide all field labor and equipment required to install the pre-fabricated parts. Structure is shipped knocked down. Onsite welding shall not be required or permitted.
- C. Contractor to provide all field labor and equipment required accept deliver of the pre-fabricated parts from delivery truck on nearest accessible City Street adjacent to installation site. Contractor to off load pre-fabricated parts from delivery truck and transport installation location on site.
- D. Contractor to provide slab-on-grade as indicated on drawings.
- E. Contractor to provide column foundations, column anchor bolts, and embedment of column anchors as indicated on drawings.

1.3 QUALITY ASSURANCE

- A. Perform the work in accordance with applicable federal, State, and local building and safety codes and regulations.

1.4 DELIVERY, STORAGE, AND PROTECTION

- A. Follow shelter manufacturer's recommendations and instructions, including those printed on the shop drawings. To minimize damage during unloading, use only padded forks or non-marring slings.
- B. Prefinished materials not being immediately installed must be protected from sunlight.
- C. Store products in manufacturer's unopened packaging well off the ground and covered out of weather until ready for installation.

PART 2 NOT USED

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that site earthwork has been performed as required for satisfactory installation.

3.2 PREPARATION

- A. Install footings and column anchors of size, design, and location as specified on drawings.

3.3 INSTALLATION

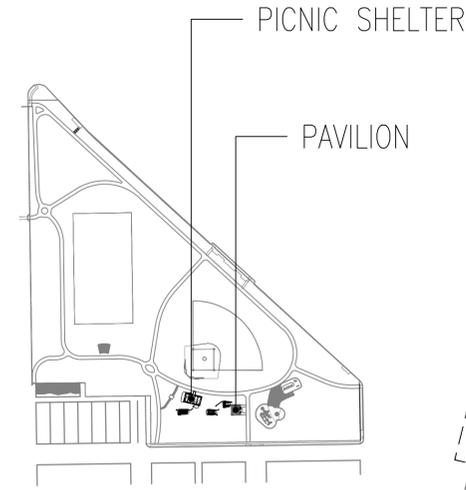
- A. Perform installation in accordance with applicable federal, State, and local building and safety codes.
- B. Install shelter in accordance with drawing and good construction practices.
- C. Install slab in accordance with drawings.

3.4 CLEANING AND PROTECTION

- A. Clean installed work to like-new condition.
- B. Protect installed products until completion of project.
- C. Touch-up, repair, or replace damaged finishes before Substantial Completion. Touch up paint provided by Pre-fabricated Site Shelter manufacturer.

END OF SECTION

O:\EXP\PROJECTS\27\1P271-13621 - Johnsons Park Pavilion05 CONSTRUCTION DOCUMENTS\Phase 02 - Construction\03_BID SET\02 Architecture\271-13621_CD_BID SET.dwg



2 KEY PLAN
C-100
NTS

GENERAL SITE NOTES

- GENERAL CONTRACTOR SHALL CALL FOR UTILITY LOCATIONS PRIOR TO THE START OF CONSTRUCTION.
DIGGERS HOTLINE: (414) 259-2281.
PARKS MAINTENANCE DIVISION: MILWAUKEE COUNTY PARKS DEPARTMENT
9480 WATERTOWN PLANK ROAD
WAUWATOSA, WISCONSIN 53226
PHONE - (414) 258-2322.
- ALL INFORMATION SHOWN ON EXISTING CONDITIONS IS BASED ON RECORDS AVAILABLE TO MILWAUKEE COUNTY ARCHITECTURAL, ENGINEERING, & ENVIRONMENTAL SERVICES. MILWAUKEE COUNTY CANNOT GUARANTEE THE INFORMATION AS BEING ENTIRELY ACCURATE. IN THE EVENT THE GENERAL CONTRACTOR ENCOUNTERS A DISCREPANCY BETWEEN THE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS DURING CONSTRUCTION IT SHALL BE THEIR RESPONSIBILITY TO INFORM THE OWNER.
- CONSTRUCTION FENCE:
 - 8'-0" HIGH CHAIN LINK CONSTRUCTION FENCE, UTILIZING TEMPORARY FENCE PANELS WITH VERTICAL INTERMEDIATE POST AT 6'-0" ON-CENTER, GALVANIZED STEEL, 2-INCH DIAMETER, AND SUPPORTED WITH A BASE BRACKET. EACH FENCE PANEL SHALL HAVE A TOP AND BOTTOM RAIL. PROVIDE A SAND BAG AT EACH BASE BRACKET FOR ADDITIONAL SUPPORT.
 - TREE PROTECTION: AS REQUIRED.
 - 6'-0" HIGH CHAIN LINK CONSTRUCTION FENCE, UTILIZING TEMPORARY FENCE PANELS CREATING AN ENCLOSURE AROUND EXISTING TREE (BEYOND TREE'S CANOPY DRIP-LINE). CORNER POST SHALL BE 2-INCH DIAMETER GALVANIZED STEEL AND SUPPORTED WITH A BASE BRACKET. EACH FENCE PANEL SHALL HAVE A TOP AND BOTTOM RAIL. EACH FENCE PANEL SHALL HAVE A DIAGONAL BRACE ROD. PROVIDE A SAND BAG AT EACH BASE BRACKET FOR ADDITIONAL SUPPORT. SEE SITE EROSION AND SEDIMENTATION CONTROL PLAN FOR SIZE AND LOCATION OF TEMPORARY TREE PROTECTION ENCLOSURE.
- CONSTRUCTION FENCE GATE:
 - 8'-0" HIGH CHAIN LINK CONSTRUCTION, 3-INCH DIAMETER GALVANIZED STEEL GATE POST, EMBED MINIMUM OF 2'-0" BELOW GRADE. GATE PANEL SHALL BE 6'-0" HIGH CHAIN LINK CONSTRUCTION WITH 2-INCH DIAMETER GALVANIZED STEEL TOP, BOTTOM, AND END RAIL. GATE PANEL SHALL HAVE A DIAGONAL BRACE ROD. AT LATCH END OF GATE PANEL PROVIDE WHEELED SUPPORT. GATE SHALL HAVE A LATCH WITH LOCK.
- NOT USED
- EXISTING SIGNS AFFECTED BY CONSTRUCTION SHALL BE PROTECTED OR RELOCATED AS DIRECTED BY THE ARCHITECT / ENGINEER.
- GENERAL CONTRACTOR SHALL SECURE ALL REQUIRED PERMITS.
- DO NOT SCALE DRAWINGS, USE WRITTEN DIMENSIONS ONLY. IF CLARIFICATIONS OR ADDITIONAL DIMENSIONS ARE REQUIRED THE GENERAL CONTRACTOR SHOULD VERIFY WITH ARCHITECT / ENGINEER.
- PRIOR TO THE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL CAREFULLY EXAMINE THE SITE OF WORK TO VERIFY UTILITIES AND OTHER EXISTING CONDITIONS WHETHER OR NOT SHOWN ON THE DRAWINGS. LOCATE ALL GENERAL SITE REFERENCE DATA FOR PROPERTY LINES AND GRADE ELEVATIONS, AND DO THAT WORK WHICH IS NECESSARY TO PREVENT THEIR DISLOCATION.
- MAINTAIN ACCESS TO ADJACENT PROPERTY, STREETS, PARKING LOT, AND VETERANS PARK NOT AFFECT BY CONSTRUCTION.
- GENERAL CONTRACTOR SHALL PROVIDE ADEQUATE NECESSARY AND REQUIRED BARRICADES, FENCES, AND SAFETY PRECAUTIONS FOR THE PUBLIC'S SAFETY NEAR THE CONSTRUCTION.
- PREVENT DUST FROM BECOMING A NUISANCE TO THE PUBLIC.
- GENERAL CONTRACTOR SHALL CLEAN UP ON A DAILY BASIS AND PERFORM A FINAL CLEAN UP AT THE COMPLETION OF WORK.
- THE ARCHITECT / ENGINEER WILL NOT BE HELD RESPONSIBLE FOR ANY WORK PERFORMED BY THE GENERAL CONTRACTOR OR SUB-CONTRACTOR THAT DEVIATES FROM THESE CONSTRUCTION DOCUMENTS, UNLESS FIRST APPROVED BY THE ARCHITECT / ENGINEER.
- THE WORK INCLUDES THE FURNISHING OF ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY FOR THE COMPLETION OF ALL WORK SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS PREPARED BY THE ARCHITECT. ALL WORK IS TO BE DONE BY THE GENERAL CONTRACTOR OR SUB-CONTRACTOR IN A WORKMANLIKE MANNER.
- PROTECT EXISTING FIRE HYDRANT AND EXISTING LIGHT POLE LOCATED WITH THE CONSTRUCTION LIMITS FROM DAMAGE FOR THE DURATION OF CONSTRUCTION.
- PATCH ANY AREA OF ASPHALT PAVEMENT OR CONCRETE CURB DISTURBED BY CONSTRUCTION.

APPROXIMATE PROPOSED ROUTE OF NEW UNDERGROUND ELECTRICAL UTILITY SERVICE FROM UTILITY POLE TO SERVICE ENTRANCE EQUIPMENT -SEE ELECTRICAL & REFERENCE DRAWING E303

PROP. SANITARY MANHOLE:
RIM EL. 681.20
I.E. 676.20
I.E. 676.12 +/-

2" WATER SERVICE

4" SANITARY SEWER

PROP. CLEAN OUT.
RIM EL. 679.28
I.E. 672.12 +/- -VIF.

LINE OF 25'-0" SETBACK

EXISTING 4" SANITARY SEWER

INSTALL NEW CURB STOP RISER TO EXISTING WATER SERVICE AND CONNECT NEW 2" WATER SERVICE.
EXISTING SERVICE. CL 671.20 +/- -VIF.

EXISTING 2" WATER SERVICE

WATERMAIN

COMBINATION SEWER

WEST BROWN STREET

1 SITE PLAN
C-100
3/32" = 1'-0"



SITE LAYOUT & UTILITIES



REVISIONS:
07/08/2015

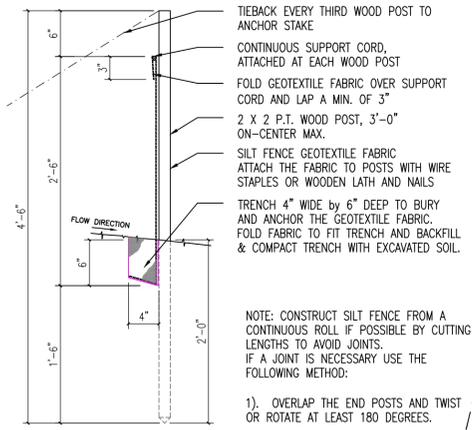
DATE:
06/24/2015

PROJECT:
P271-13621

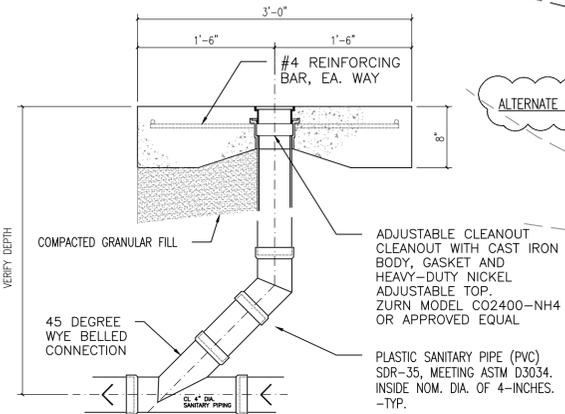
SITE NO:
771

BUILDING NO:
1670

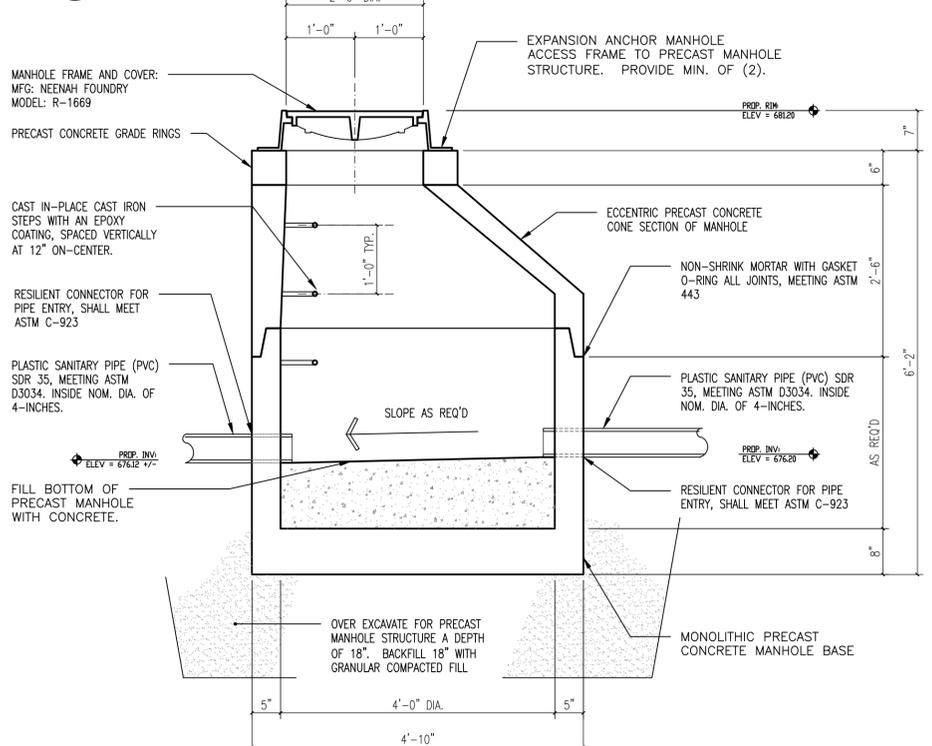
C100



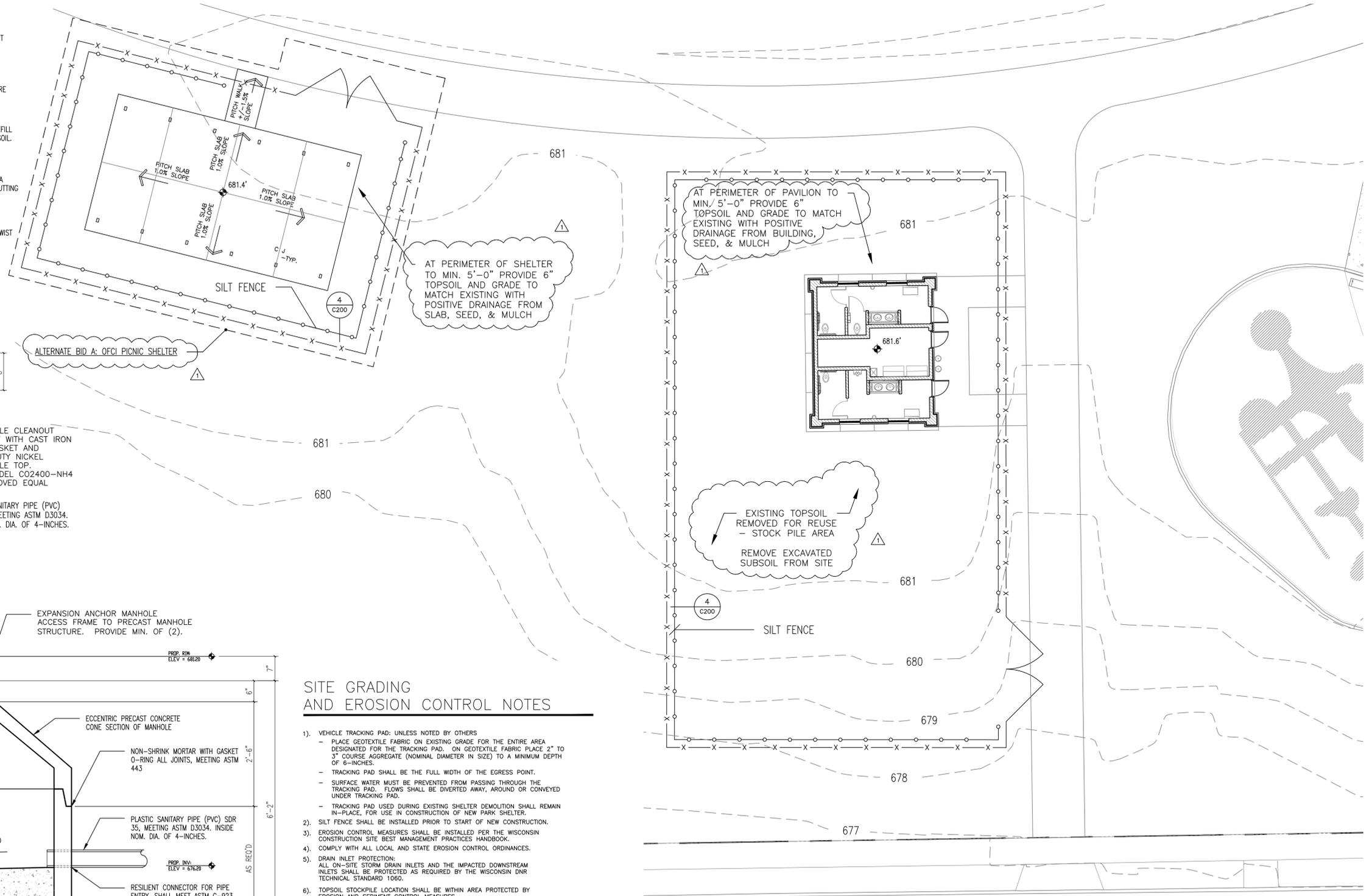
4 SILT FENCE
 C-200 1" = 1'-0"



3 SANITARY CLEANOUT
 C-200 1" = 1'-0"



2 SANITARY MANHOLE
 C-200 3/4" = 1'-0"



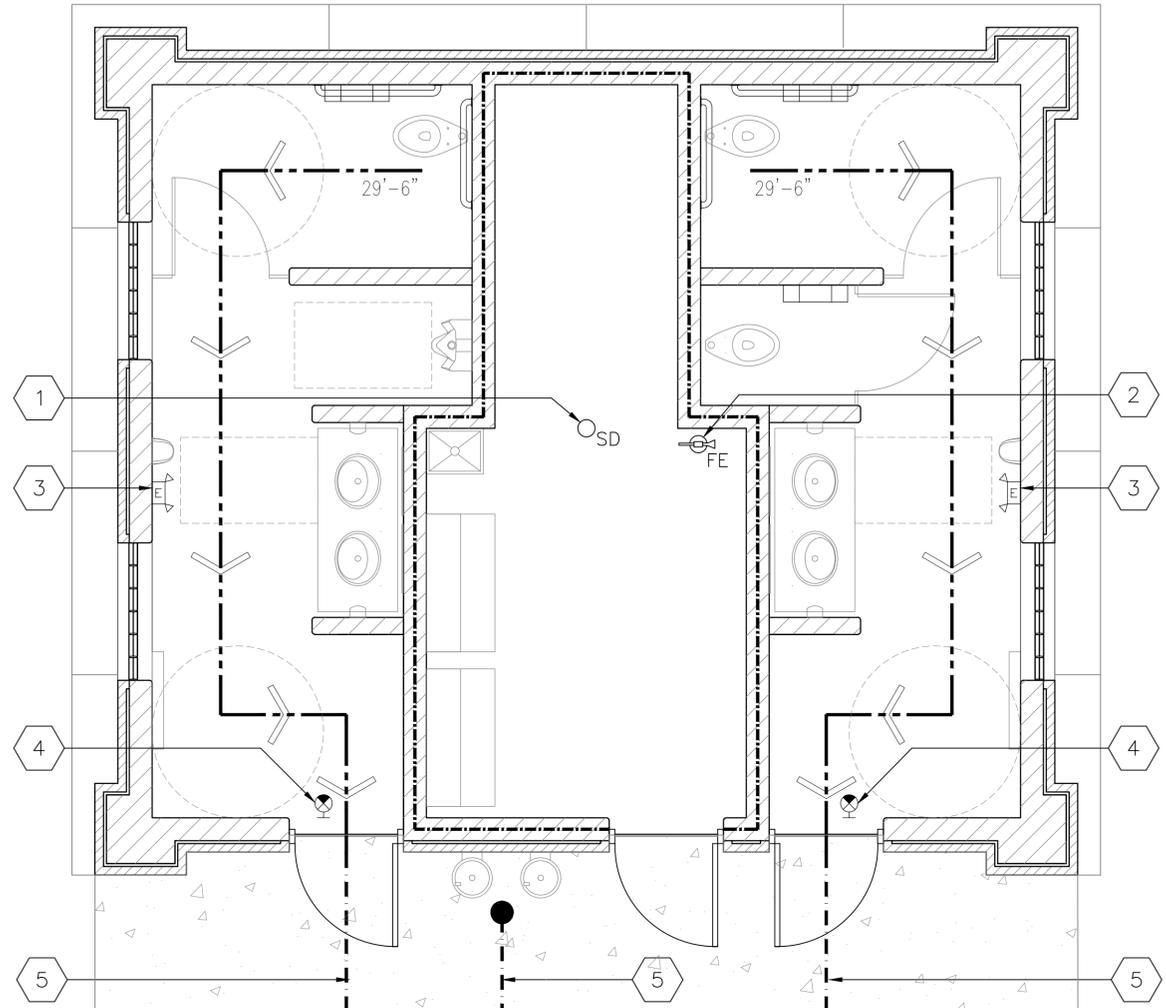
SITE GRADING AND EROSION CONTROL NOTES

- VEHICLE TRACKING PAD: UNLESS NOTED BY OTHERS
 - PLACE GEOTEXTILE FABRIC ON EXISTING GRADE FOR THE ENTIRE AREA DESIGNATED FOR THE TRACKING PAD. ON GEOTEXTILE FABRIC PLACE 2" TO 3" COURSE AGGREGATE (NOMINAL DIAMETER IN SIZE) TO A MINIMUM DEPTH OF 6-INCHES.
 - TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.
 - SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER TRACKING PAD.
 - TRACKING PAD USED DURING EXISTING SHELTER DEMOLITION SHALL REMAIN IN-PLACE, FOR USE IN CONSTRUCTION OF NEW PARK SHELTER.
- SILT FENCE SHALL BE INSTALLED PRIOR TO START OF NEW CONSTRUCTION.
- EROSION CONTROL MEASURES SHALL BE INSTALLED PER THE WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICES HANDBOOK.
- COMPLY WITH ALL LOCAL AND STATE EROSION CONTROL ORDINANCES.
- RAIN INLET PROTECTION: ALL ON-SITE STORM DRAIN INLETS AND THE IMPACTED DOWNSTREAM INLETS SHALL BE PROTECTED AS REQUIRED BY THE WISCONSIN DNR TECHNICAL STANDARD 1060.
- TOPSOIL STOCKPILE LOCATION SHALL BE WITHIN AREA PROTECTED BY EROSION AND SEDIMENT CONTROL MEASURES.
- EROSION CONTROL MEASURES SHALL BE TAKEN WHERE SHOWN ON THE SITE DEMOLITION PLAN OR AS DIRECTED BY THE ARCHITECT / ENGINEER. EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL VEGETATION HAS BEEN RE-ESTABLISHED AND ACCEPTED BY THE OWNER IN ALL DISTURBED TURF AREAS.
- ALL GRADE CONTOURS OR SITE ELEVATIONS ON THE SITE PLAN ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (CITY OF MILWAUKEE DATUM).
- GENERAL CONTRACTOR SHALL PROTECT ALL EXISTING TREES WHETHER OR NOT SHOWN.
- CONTRACTOR TO ROUGH GRADE AND FINISH GRADE ANY AREAS DISTURBED BY CONSTRUCTION. SEED TO MATCH ADJACENT LAWN AREA.
- EROSION CONTROL MEASURES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE END OF THE WORK DAY.
- INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER A RAINFALL OF 0.5 INCHES OR MORE.
- ALL SEDIMENT LADEN WATER PUMPED FROM THE SITE SHALL BE TREATED BY A TEMPORARY SEDIMENT BASIN OR BE FILTERED BY OTHER APPROVED MEANS. WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE OR RECEIVING CHANNELS.

1 SITE GRADING AND EROSION CONTROL PLAN
 C-200 3/32" = 1'-0"

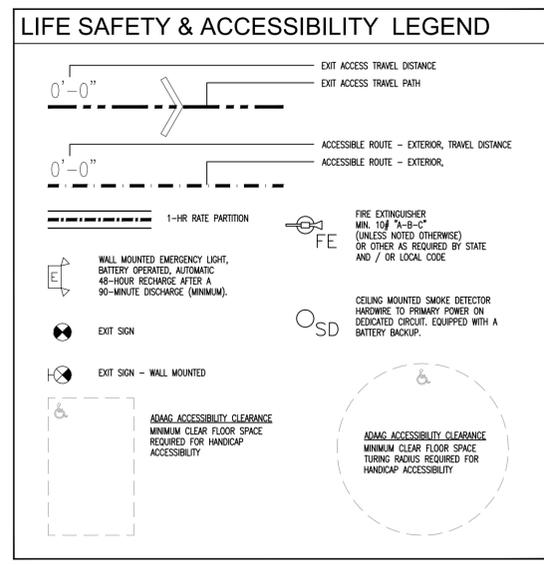
WEST BROWN STREET





1 PAVILION: CODE PLAN
A-000 3/8" = 1'-0"

SITE ASPHALT PAVEMENT
-BY OTHERS
-SEE REFERENCE DRAWING C303



- ### PLAN NOTES
- 1 CEILING MOUNTED SMOKE DETECTOR
 - 2 FIRE EXTINGUISHER
 - 3 WALL MOUNTED EMERGENCY LIGHT (SEE ELECTRICAL)
 - 4 WALL MOUNTED ILLUMINATED EXIT SIGN (SEE ELECTRICAL)
 - 5 ACCESSIBLE SITE ROUTE (SITE PAVEMENT BY OTHERS)

ACCESSIBLE ROUTE - EXTERIOR

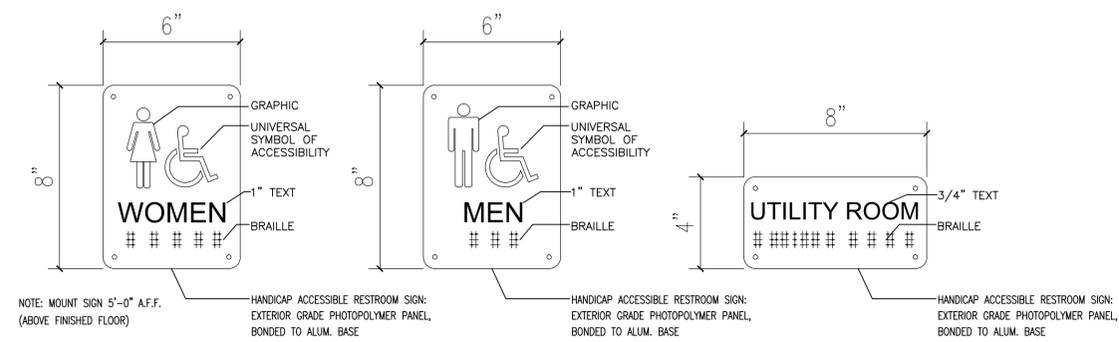
SIDEWALK	WIDTH	THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36" EXCEPT AT DOORS. IF A ROUTE IS LESS THAN 60" CLEAR WIDTH, THEN PASSING SPACES AT LEAST 60" BY 60" SHALL BE LOCATED AT REASONABLE INTERVALS NOT TO EXCEED 200'.
	SLOPE	NO MORE THAN 1:20, CROSS SLOPE NOT TO EXCEED 1:50
HANDRAILS	NOT REQUIRED ON THE EXTERIOR WALKS EXCEPT WHERE ADJACENT TERRAIN EXCEEDS 1:4 (25%) DOWNWARD SLOPE AWAY FROM WALK.	
	WIDTH	THE MINIMUM CLEAR WIDTH OF A RAMP SHALL BE 36".
RAMP SURFACE	SLOPE	THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP. THE MAXIMUM SLOPE OF A RAMP SHALL BE 1:12.
	HANDRAILS	IF A RAMP RUN HAS A RISE GREATER THAN 6", OR A HORIZONTAL PROJECTION GREATER THAN 72" (6 FT.), THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES. HANDRAILS SHALL EXTEND AT LEAST 12" BEYOND THE TOP AND BOTTOM OF THE RAMP SEGMENT AND SHALL BE PARALLEL WITH THE FLOOR OR GROUND SURFACE. TOP OF HANDRAIL GRIPPING SURFACES SHALL BE MOUNTED BETWEEN 34" AND 38" ABOVE RAMP SURFACE.

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

PROVIDE THE MINIMUM NUMBER OF PLUMBING FIXTURES IN THE FACILITY AS REQUIRED IN SECTION 2902, TABLE 2902.1

OCCUPANCY TYPE	NUMBER OF PEOPLE	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS		SERVICE SINK
		FACTORS	NUMBER OF FIXTURES REQUIRED FOR MEN	NUMBER OF FIXTURES REQUIRED FOR WOMEN	FACTORS	NUMBER OF FIXTURES REQUIRED	FACTORS	
ASSEMBLY - (A-5)	30 - MEN	1 per 75	1		1 per 200	1		
ASSEMBLY - (A-5)	30 - WOMEN	1 per 40		1	1 per 150	1		
ASSEMBLY - (A-5)	60 - MEN & WOMEN						1 per 1,000	1 REQUIRED

COMPLIANCE CHECK	MEN'S TOILET ROOM			WOMEN'S TOILET ROOM			JOHNSONS PARK PAVILION	
	URINALS	WATER CLOSET	LAVATORIES	WATER CLOSET	LAVATORIES	DRINKING FOUNTAINS	SERVICE SINK	
REQUIRED PLUMBING FIXTURES		1	1	1	1	1	1	
PLUMBING FIXTURES PROVIDED PER PLAN	1	1	2	2	2	2 (ONE D.F. IS ACCESSIBLE & ONE D.F. IS AT STANDARD HEIGHT)	1	



3 PAVILION: RESTROOM SIGNAGE
A-000 3/8" = 1'-0"

BUILDING CODE STUDY

SPS 360-366 WISCONSIN COMMERCIAL BUILDING CODE (EFFECTIVE SEPTEMBER 1, 2011)
2009 ADOPTED INTERNATIONAL CODE COUNCIL CODES (2009 ICC CODES)

CITY / COUNTY	MILWAUKEE, WI. - MILWAUKEE COUNTY	
LOCATION	1919 W FOND DU LAC AVE, MILWAUKEE, WI 53205	
SANITARY SEWER TYPE	PUBLIC	
FACILITY USE	PUBLIC RESTROOMS AND OPEN AIR COVERED SHELTER FOR RECREATIONAL ACTIVITIES	
BUILDING OCCUPANCY TYPE	ASSEMBLY (A-5)	SECTION 303.1
CONSTRUCTION TYPE	TYPE V-B (SEE FIRE-RESISTANCE RATING REQUIREMENTS)	SECTION 602.5
No. OF PERSONS EMPLOYED	NONE	
No. OF PERSONS (PUBLIC)	NUMBER OF PEOPLE WITHIN THE SHELTER VARIES. OCCUPANT LOAD DETERMINE BY SECTION 1004. SEE OCCUPANCY CHART.	
HANDICAP ACCESSIBILITY	FACILITY SHALL BE DESIGNED TO BE ACCESSIBLE	SECTION 1101.2 and ICC A117.1
ALLOWABLE BUILDING AREA	BUILDING AREA IS UNLIMITED	TABLE 503
ALLOWABLE BUILDING HEIGHT	BUILDING HEIGHT IS UNLIMITED	TABLE 503
BUILDING AREA MODIFICATIONS	NONE REQUIRED	
AUTOMATIC SPRINKLER SYSTEMS	NONE REQUIRED	SECTION 903.2.1.5
FIRE ALARM and DETECTION SYSTEMS	NONE REQUIRED	SECTION 907.2.1
EXIT ACCESS TRAVEL DISTANCE	UNOBSTRUCTED PATH OF EGRESS TRAVEL TO EXITS SHALL NOT EXCEED 200 FEET.	
BUILDING AREA	650 GROSS SF (RESTROOM PAVILION) 1280 GROSS SF (PICNIC SHELTER)	

FIRE-RESISTANCE RATING REQUIREMENTS

BUILDING ELEMENT	FIRE RESISTANT RATING	BUILDING CODE
STRUCTURAL FRAME	0 - HOUR	TABLE 601
EXTERIOR BEARING WALLS	0 - HOUR	TABLE 601
INTERIOR BEARING WALLS	0 - HOUR	TABLE 601
EXTERIOR NON-BEARING WALLS	0 - HOUR	TABLE 602
INTERIOR NON-BEARING PARTITIONS	0 - HOUR	TABLE 601
FLOOR CONSTRUCTION	N/A	
ROOF CONSTRUCTION	0 - HOUR	TABLE 601
CORRIDOR WALLS	N/A	
SHAFT ENCLOSURES	N/A	
ROOF ASSEMBLY FIRE CLASSIFICATION	CLASS C ROOF ASSEMBLIES	TABLE 1505.1
INTERIOR FINISH REQUIREMENTS	CLASS C FLAME SPREAD 76-200 SMOKE-DEVELOPED 0-450	TABLE 803.5

OCCUPANCY LOAD CALCULATIONS

ROOM / SPACE	FUNCTION OF SPACE	FLOOR AREA	S.F. AREA per OCCUPANCY	OCCUPANT LOAD
WOMEN'S TOILET ROOM	ASSEMBLY (A-5)	175 S.F.	15 GROSS	12
MEN'S TOILET ROOM	ASSEMBLY (A-5)	175 S.F.	15 GROSS	12
UTILITY ROOM	MECHANICAL	159 S.F.	300 GROSS	1

EGRESS WIDTH CALCULATIONS

ROOM / SPACE	USE OR OCCUPANCY	OCCUPANT LOAD	EGRESS COMPONENT FACTOR	REQUIRED EGRESS COMPONENT WIDTH
WOMEN'S TOILET ROOM	ASSEMBLY (A-5)	12	0.2 INCHES / OCCUPANT	2.4-INCHES
MEN'S TOILET ROOM	ASSEMBLY (A-5)	12	0.2 INCHES / OCCUPANT	2.4-INCHES
UTILITY ROOM	MECHANICAL	1	0.2 INCHES / OCCUPANT	N/A

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DOOR SCHEDULE

DOOR NO.	DOOR SIZE	DOOR			FRAME			RATING	HARDWARE	REMARKS
		MATERIAL	TYPE	FINISH	MATERIAL	TYPE	FINISH			
100.1	3'-0" x 7'-2" x 1 3/4"	FG	A	PT-5	FG	A	PT-5	-	1	-
101.1	3'-0" x 7'-2" x 1 3/4"	FG	A	PT-5	FG	A	PT-5	-	1	-
102.1	3'-0" x 7'-2" x 1 3/4"	FG	A	PT-5	FG	A	PT-5	-	2	-

GENERAL NOTES

SEE SPEC FOR MATERIAL DESCRIPTION & FINISHES.
SEE SPEC FOR HARDWARE GROUPS.
ALL EXPOSED STEEL LINTELS TO BE PRIMED AND PAINTED. -TYP.
FIELD VERIFY ALL DOOR AND FRAME DIMENSIONS.

ROOM FINISH SCHEDULE

RM. NO.	ROOM NAME	FLOOR		WALLS				CEILING		REMARKS
		MATERIAL	BASE	NORTH	EAST	SOUTH	WEST	MATERIAL / COLOR	HEIGHT	
100	MENS	EPXY-1	EPXY-1	PT-2	PT-2	PT-2	PT-2	PT-3	10'-0"	-
101	WOMENS	EPXY-1	EPXY-1	PT-2	PT-2	PT-2	PT-2	PT-3	10'-0"	-
102	UTILITY	CONC-1	-	PT-2	PT-2	PT-2	PT-2	PT-3	11'-10 1/2"	CEILING: 1-HR UL 415 RATED ASSEMBLY

GENERAL NOTES

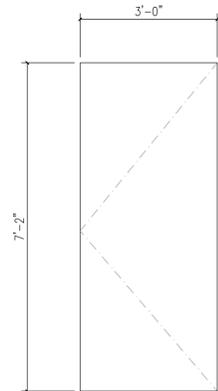
SEE SPEC FOR FINISH DESCRIPTIONS.

MATERIAL LEGEND

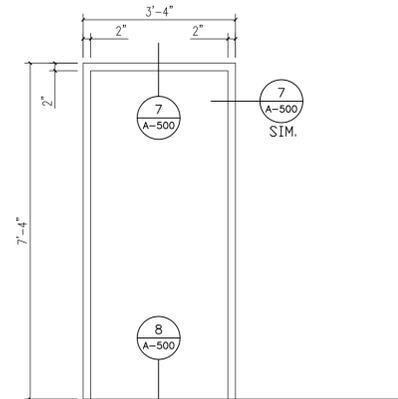
CODE	MATERIAL	COLOR / FINISH
GWB - 1	GYPSUM WALL BOARD - IMPACT-RESISTANT	-
GWB - 2	GYPSUM WALL BOARD - MOISTURE-RESISTANT	-
PT - 1	NOT USED	-
PT - 2	PAINT	SHERWIN WILLIAMS GRAY MATTERS (SW 7066)
PT - 3	PAINT	SHERWIN WILLIAMS NEBULOUS WHITE (SW 7093)
PT - 4	NOT USED	-
PT - 5	PAINT	SHERWIN WILLIAMS FUNCTIONAL GRAY
PT - 6	PAINT	SHERWIN WILLIAMS FUNCTIONAL GRAY
PT - 7	NOT USED	-
RCP - 1	DIRECT APPLIED FINISH SYSTEM	DRYVIT NATURAL WHITE (SARIBLAST)
EPXY - 1	FLUID-APPLIED EPOXY FLOORING & BASE	DEK-TEK DECOR FLOR TPS 05
CONC - 1	CONCRETE - EXPOSED AND SEALED	-
CONC - 2	CONCRETE - BROOM FINISH	-
FG	FIBERGLASS	MATCH ROOF - SEE PT-5
HM	HOLLOW METAL	-SEE PT-6

GENERAL NOTES

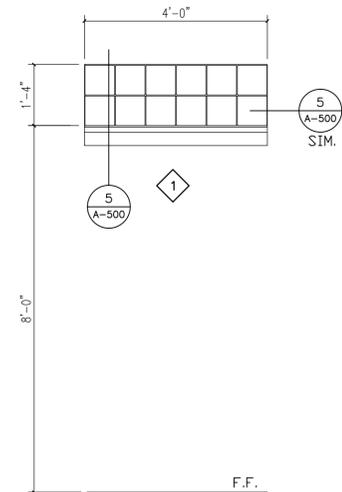
1. AREA CLASSIFICATIONS ARE TYP. SEE ROOM FINISH SCHEDULE, INTERIOR ELEVATIONS AND SECTIONS FOR SPECIAL CONDITIONS.
2. SEE SPEC FOR FINISH DESCRIPTIONS.



TYPE A FIBERGLASS (FRP) DOOR FLUSH SURFACE FACTORY PRIME & PAINT



TYPE A FIBERGLASS (FRP) FRAME FACTORY PRIME & PAINT

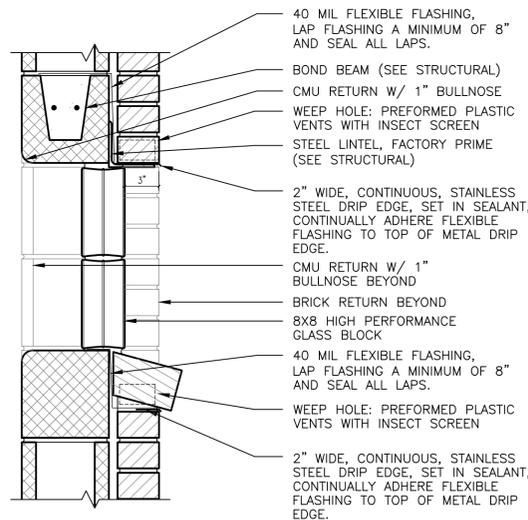


TYPE 1 HIGH PERFORMANCE GLASS MASONRY UNITS

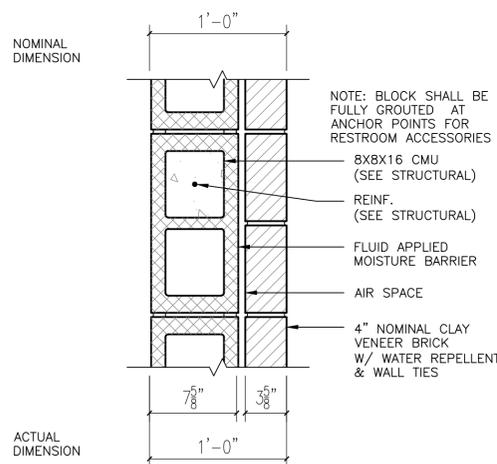
2 DOOR TYPES
A-500 1/2"=1'-0"

3 FRAME TYPES
A-500 1/2"=1'-0"

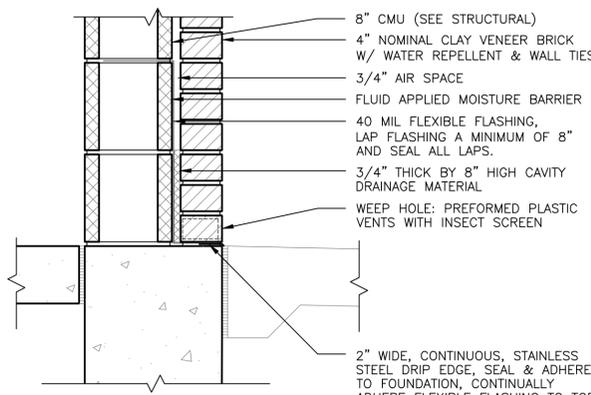
4 WINDOW TYPES
A-500 1/2"=1'-0"



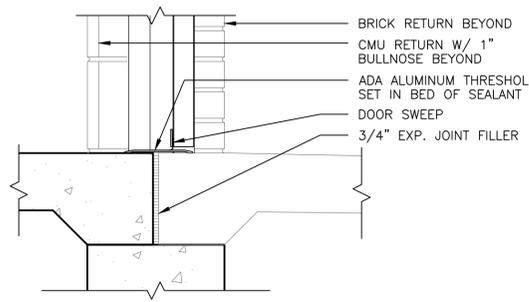
5 WDW. DETAIL
A-500 1 1/2"=1'-0"



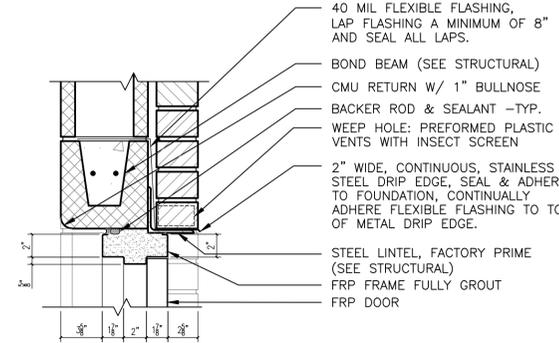
1 WALL & PARTITION TYPES
A-500 1 1/2"=1'-0"



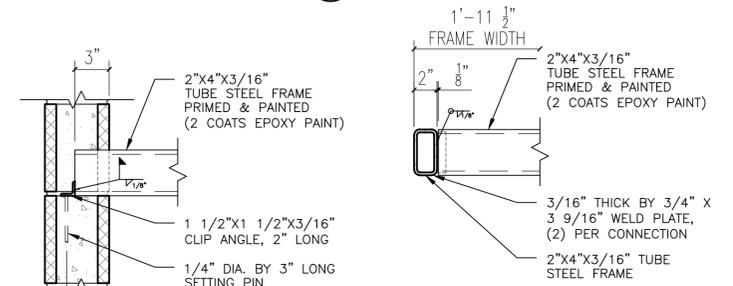
6 SILL DETAIL
A-500 1 1/2"=1'-0"



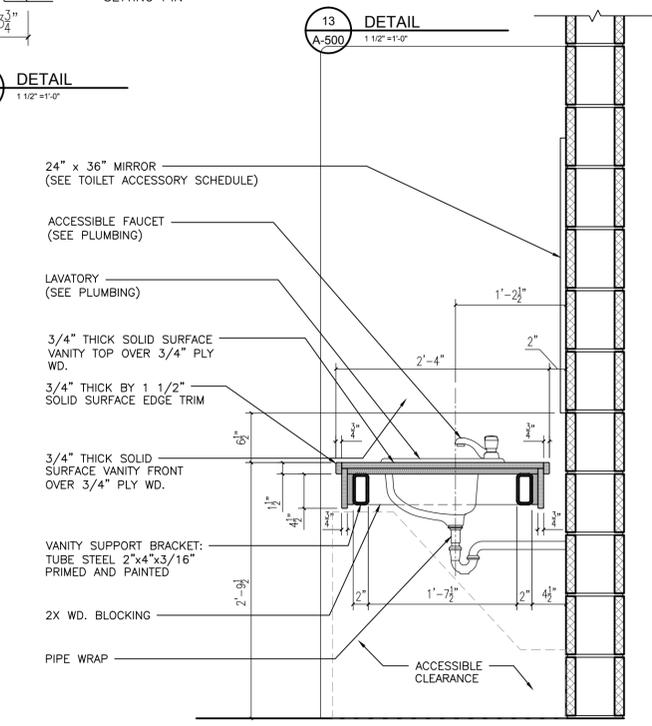
8 THRESHOLD DETAIL
A-500 1 1/2"=1'-0"



7 HEAD DETAIL
A-500 1 1/2"=1'-0"

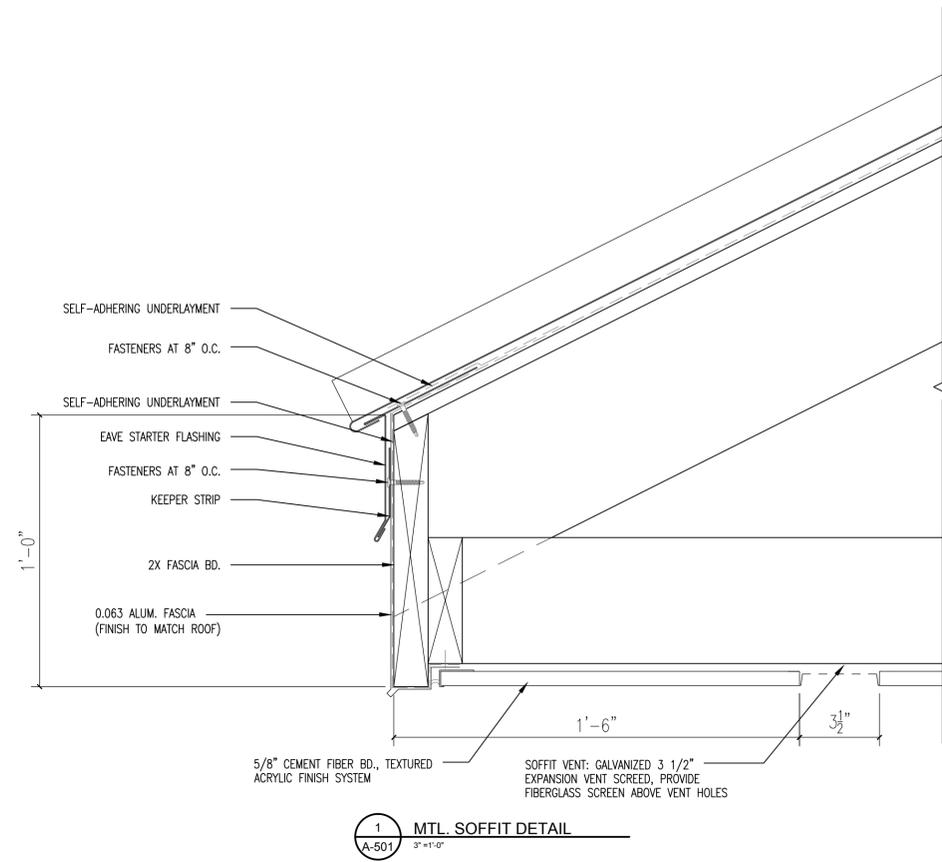


12 DETAIL
A-500 1 1/2"=1'-0"

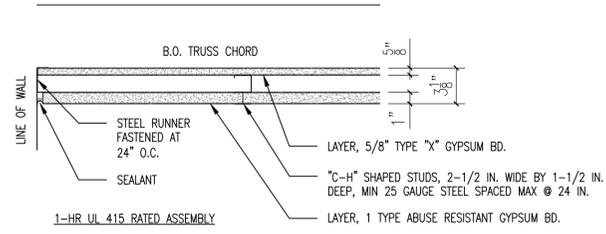


13 DETAIL
A-500 1 1/2"=1'-0"

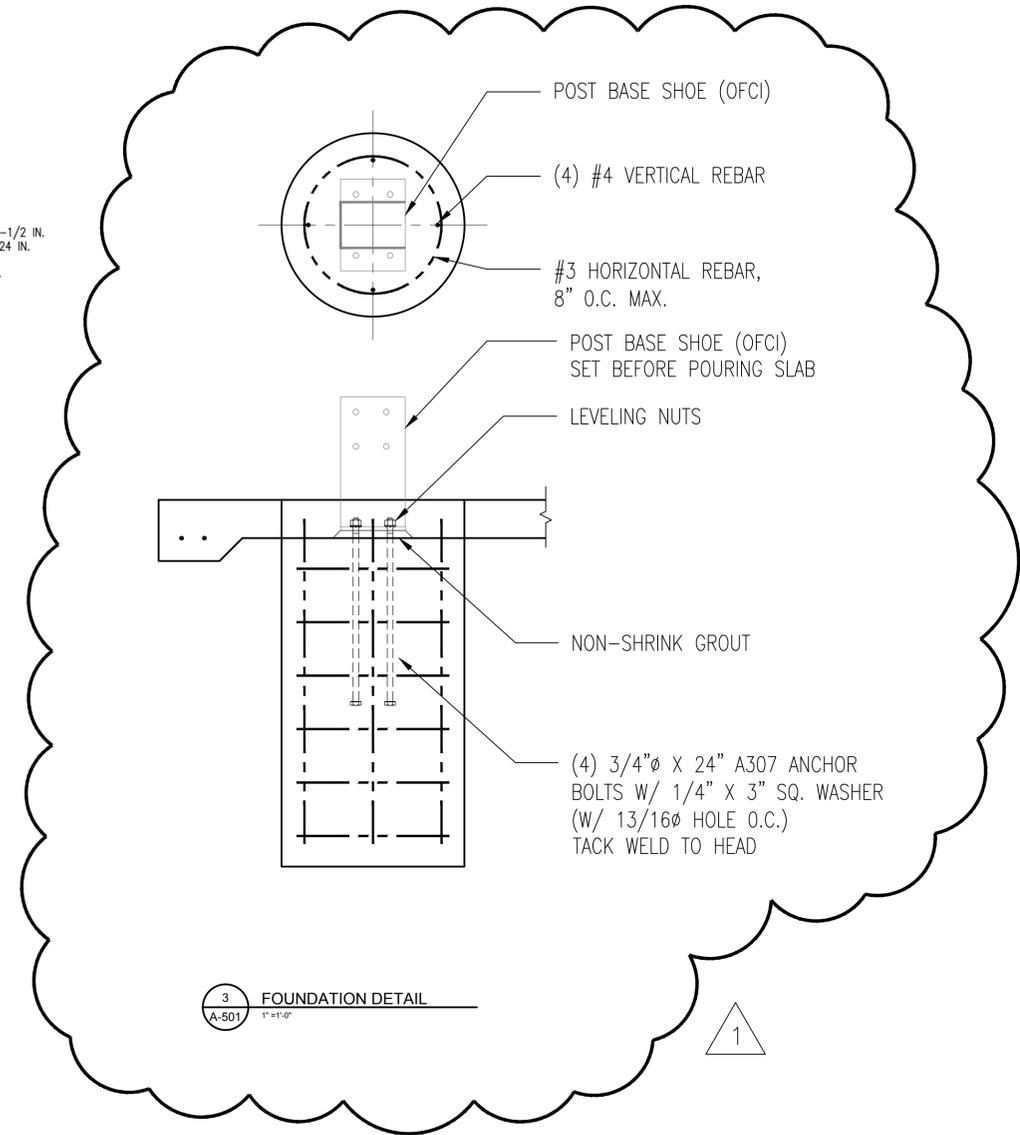
DETAILS, LEGENDS, & SCHEDULES



1 MTL. SOFFIT DETAIL
A-501 3"=1'-0"



2 UL 415 DETAIL
A-501 1.1/2"=1'-0"



3 FOUNDATION DETAIL
A-501 1"=1'-0"

1



REVISIONS:
07/08/2015

DATE:
06/24/2015
PROJECT:
P271-13621
SITE NO:
771
BUILDING NO:
1670

Substitution Request Form during Procurement

Project: Johnsons Park Pavilion
To: Milwaukee County | DAS - FM - AE&ES Section
633 W. Wisconsin Ave , Suite 1000
Milwaukee, WI 53203

Project No.: P271-13821
Substitution Request No : _____
From: Jim Libke
Date: 7-7-15
Contract For: _____

Specification Section: Air and Moisture Barrier

Description: Non Permeable

Section No : 072670 Page: 1

Article/Paragraph: 2.1

Proposed Substitution: TK-AirMax 2103 Non Permeable Water Base

Manufacturer: TK Products
Phone: 800-441-2129 Fax: 952-938-8084

Address: 11400 West 47th Street
Minnetonka, MN 55343

Trade Name: AirMax

Model No.: 2103 NP WB

Installer: _____

Address: _____

Phone: _____ Fax: _____

Differences between proposed and specified product: See Attached

History: New 2 - 5 years old 5 - 10 years old Greater than 10 years old
 Point-by-point comparison attached - Required

Reason for not providing specified item: TK-AirMax 2103 NP WB is not in the original specifications

Similar Installation:

Project: See Attached

Design Professional: _____

Address: _____

Owner: _____

Date Installed: _____

Proposed Substitution affects which other portions of the Work: No Yes - Explain: _____

Supporting Data: Drawings Product Data Samples Tests Reports Other _____

Substitution Request Form during Procurement

The Undersigned Certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all aspects the specified product.
- Same Warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not effect or delay progress schedule.
- Proposed substitution does to affect dimensions and functional clearances.

Submitted by: Jim Libke - Product Specialist

Signed By: 

Firm: TK Products

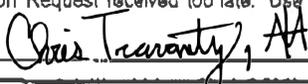
Address: 11400 West 47th Street Minnetonka, MN 55343

Telephone: 800-441-2129 Fax/Email: jlibke@tkproduct.com

Attachments: Tech data, ABBA, LEED, Drawings, References

ARCHITECT'S OR OWNER'S REVIEW AND ACTION

- Substitution approved. Make submittals in accordance with Specification Section 01330.
- Substitution approved as noted. Make submittals in accordance with Specification Section 01330.
- Substitution rejected. Use specified materials.
- Substitution Request received too late. Use specified materials.

Signed By:  Date: 07/08/15