LA CROSSE LOGGERS **COPELAND PARK IMPROVEMENTS 1130 COPELAND PARK DRIVE** LA CROSSE, WISCONSIN

HSR #14051



IG100

COVER SHEET & CODE PLANS

GENERAL

ARCHITECTURAL

REMOVAL PLAN & PHOTO DETAILS

FIRST FLOOR PLAN & WALL TYPES

ROOF/SITE PLAN & ENTRY GATE

ELEVATIONS

INTERIOR ELEVATIONS

BUILDING SECTIONS

REF. CEILING PLAN & CEILING DETAILS

A090 A100 A110 A120 A200 A210 A300 A310 A500

A600

ID100

WALL SECTIONS **BUILDING DETAILS** DOOR SCHEDULE, DOOR, FRAME, & WINDOW TYPES

INTERIOR DESIGN FINISH FLOOR PLAN

UCTURAL

| | STRUCTUR |
|------|----------------------|
| S001 | STRUCTURAL NOTES |
| S002 | STRUCTURAL SCHEDULES |
| S100 | FOUNDATION PLAN |
| S200 | ROOF FRAMING PLAN |
| S800 | FOUNDATION DETAILS |
| S810 | FRAMING DETAILS |
| | |
| | |

PROJECT TEAM

DOUG RAMSEY (HSR)

MARC ZETTLER (HSR)

DANI CONNOR (HSR)

KEVIN MALIN (HSR)

(R A SMITH)

WAYNE VANDENBERGH

RON KNAPMILLER (HSR)

PROJECT MANAGER:

PROJECT ARCHITECT:

SPECIFICATIONS:

INTERIOR DESIGNER:

STRUCTURAL ENGINEER

CONSTRUCTION ADMIN:



1/8" = 1'-0"

SEPTEMBER 2016

FIRST FLOOR CODE PLAN

GROSS BUILDING FOOTPRINT: 5,610 SQUARE FEET





CONSTRUCTION DOCUMENTS

CODE DATA: IBC 2009 WITH WISCONSIN AMENDMENTS A-2 ASSEMBLY W/ MERCHANTILE V-B UN-SPRINKLERED TYPE OF CONSTRUCTION:

NO. OF STORIES EXIT DISTANCE AGGREGATE EXIT WIDTH

ASSEMBLY: 97 OCCUPANTS (POSTED MERCHANTILE: 28 OCCUPANTS LEVEL 3 ALTERATION W/ ADDITION

144" - 720 OCCUPANT

CODE DATA LEGEND:

SMOKE PARTITION (LIMIT TRANSFER OF SMOK

2 HOUR RATED WALL (90 MIN DOORS)

PATH OF TRAVEL

FIRE EXTINGUISHER-BRACKET MOUNTED FF FIRE EXTINGUISHER CABINET □ FEC - SEMI RECESSED

BUILDING HEIGHT BUILDING AREA:

506 BUILDING AREA MODIFICATIONS

TABLE 601 BUILDING ELEMENT FIRE **RESISTANCE:**

707.5 FIRE BARRIER CONTINUITY

TABLE 803.9 INTERIOR WALL AND CEILING FINISH REQ'S:

CODE DATA: IBC 2009 WITH WISCONSIN AMENDMENTS 1 STORY & 40' (1 STORY ACTUAL) 8,160 SF (ALLOWED) AREA INCREASE = 6,000 + 2,160 + 0 = 8,160 SF

> FRONTAGE INCREASE = 6,000 * 0.36 = 2,160 S (220/360 - .25) * 30/30 = 0.36 SPRINKLER INCREASE = 6,000 * 0 = 0 SF

STRUCTURAL FRAME = 0 HOURS EXTERIOR BEARING WALLS = 0 HOURS NTERIOR BEARING WALLS = 0 HOURS ONBEARING WALLS = 0 HOURS FLOOR CONSTRUCTION = 0 HOURS ROOF CONSTRUCTION = 0 HOURS

FIRE BARRIERS SHALL EXTEND FRON THE TO OF THE FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING. SLAB OR DECK ABOVE AND SHALL BE SECURELY ATTACHED THERETO. SUCH FIRE BARRIERS SHALL BE CONTINUOUS THROUGH CONCEALED SPACES, SUCH AS THE SPACE ABOVE A SUSPENDED CEILING.

INTERIOR WALL AND CEILING FINISHES IN GROUP A UN-SPRINKLERED BUILDINGS SHALL CLASS A IN EXIT ENCLOSURES AND PASSAGEWAYS CLASS A IN CORRIDORS CLASS B IN ROOMS AND ENCLOSED SPACES

INTERIOR WALL AND CEILING FINISHES IN GROUP M UN-SPRINKLERED BUILDINGS SHALL CLASS A IN EXIT ENCLOSURES AND PASSAGEWAYS CLASS B IN CORRIDORS CLASS C IN ROOMS AND ENCLOSED SPACES

AN AUTOMATIC SPRINKLER SYSTEM SHALL BI PROVIDED THROUGHOUT ALL BUILDINGS CONTANING A GROUP A-2 OCCUPANCY WHERE ONE OF THE FOLLOWING CONDITIONS FXISTS 1. A GROUP A-2 FIRE AREA EXCEEDS 5,000 SQUARE FEET

OF 100 OR MORE.

1005.1 MIN. REQUIRED EGRESS WIDTH:

903.2.1 FIRE SPRINKLERS

IN GROUP A-2

EGRESS MULTIPLIED BY 0.3 INCHES PER OCCUPANT FOR STAIRWAYS AND 0.2 INCHES PER OCCUPANT FOR OTHER EGRESS COMPONENTS. THE WIDTH SHALL NOT BE LESS THAN SPECIFIED FLSEWHERE IN THIS CODE. MULTIPLE MEANS OF EGRESS SHALL BE SIZED SUCH THAT THE LOSS OF ANY ONE MEANS OF EGRESS SHALL NOT REDUCE THE AVAILABLE CAPACITY TO LESS THAN 50% OF THE REQUIRED CAPACITY. THE MAXIMUM CAPACITY REQUIRED FROM ANY STORY OF A BUILDING SHALL BE MAINTAINED TO THE

1014.3.1 COMMON PATH OF EGRESS TRAVEL: SHALL NOT EXCEED 75 FEET. TABLE 1015.1 SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY:

LIMITATIONS:

MEANS OF EGRESS ONCE A TOTAL OCCUPANT LOAD OF 50 IS REACHED. THE MAXIMUM TRAVEL DISTANCE FOR GROUP 1016.1 TRAVEL DISTANCE A-2 AND M IN UN-SPRINKLERED BUILDINGS IS 200 FEET.

TABLE 2902.1 REQ'D GROUP A BUILDINGS REQUIRE: NUMBER OF PLUMBING 1 WATER CLOSET FOR EACH 75 MALE FIXTURES: THEREAFTER. (8 (5U/3WC)

> REQUIRED/PROVIDED) 1 LAVATORY PER 200 MALE OCCUPANTS (3 REQUIRED 5 PROVIDED) 1 WATER CLOSET FOR EACH 40 FEMALE OCCUPANTS UP TO 1,500 THEN 1 PER 60 THEREAFTER. (16 REQUIRED 10 PROVIDED + 6 PORTABLE) 1 LAVATORY PER 150 FEMALE OCCUPANTS (4

REQUIRED 6 PROVIDED) 1 SERVICE SINK (1 PROVIDED) CODE DATA: IEBC 2009 WITH WISCONSIN AMENDMENTS 405.1 LEVEL 3 ALTERATION LEVEL 3 ALTERATIONS APPLY WHERE THE

WORK AREA EXCEEDS 50% OF THE AGGREGATE AREA OF THE BUILDING.

| CODE DATA: | IEEC 2009 WITH WISCONSIN AMENDME |
|--|--|
| 502.4.3 SEALING OF THE BUILDING ENVELOPE: | OPENINGS AND PENETRATIONS IN THE BUILDING ENVELOPE SHALL BE SEALED WITH CAULKING MATERIALS OR CLOSE WITH GASKETING SYSTEMS COMPATIBI WITH THE CONSTRUCTION MATERIALS LOCATION. JOINTS AND SEAMS SHALL B SEALED IN THE SAME MANNER OR TAPI OR COVERED WITH A MOISTURE VAPOR PERMEABLE WRAPPING MATERIAL. SEA MATERIALS SPANNING JOINTS BETWEE CONSTRUCTION MATERIALS SHALL ALL FOR EXPANSION AND CONTRACTION ON CONSTRUCTION MATERIALS. |
| 502.4.7 VESTIBULES: | A DOOR THAT SEPARATES CONDITIONE SPACE FROM THE EXTERIOR SHALL BE PROTECTED WITH AN ENCLOSED VESTIBULE, WITH ALL DOORS OPENING AND OUT OF THE VESTIBULE EQUIPPED WITH SELF-CLOSING DEVICES. VESTIBU SHALL BE DESIGNED SO THAT IN PASSI THROUGH THE VESTIBULE IT IS NOT NECESSARY FOR THE INTERIOR AND EXTERIOR DOORS TO OPEN AT THE SAU TIME. |
| EXCEPTION 4: | DOORS THAT OPEN DIRECTLY FROM A |

AREA.

SITE LOCATION MAP





1/4" = 1'-0"









| | WALL TYPE NOTES: |
|--|---|
| 8 7/16" ACTUAL | A. REFER TO ROOM FINISH SCHEDULE FOR ADDITIONAL WALL FINISHES. |
| 8 1/2" NOMINAL | B. ALL WALLS TO RUN 10'-4" AFF UNLESS NOTED OTHERWISE. |
| 5 1/2" 5/8" | C. WHERE RATED WALLS ARE INDICATED. USE A UL APPROVED SYSTEM TO THE HOURLY RATING INDICATED. |
| | D. VERIFY WALL TILE LOCATIONS ON GYP BOARD WALLS FOR TILE BACKER BOARD LOCATIONS. |
| | E. TILES SHALL BE INSTALLED WITH POLIMER MODIFIED GROUT |
| (2) LAYERS GYPSUM BO 7/16" APA S SHEATHING 2X6 STUDS SOUND ATT BLANKET (2) LAYERS X GYPSUM | 5/8" TYPE-X DARD TRUCTURAL (@ 16" O.C. ENUATION 5/8" TYPE- BOARD |
| | # STC |

|--|

| ABBREVIATION | ITEM | STD. MOUNTING HEIGHT |
|---------------------------------------|---|------------------------------------|
| GB | 1 1/2" DIA. GRAB BARS. SEE PLANS FOR CONFIG./DIMS. | C.L. @ 2'-10" A.F.F. |
| СН | COAT HOOK (DOUBLE) | BOT. @ 4'-0" A.F.F. |
| FD | FLOOR DRAIN | |
| FSD | FOAM SOAP DISPENSER - OFCI | CONTROL BETWEEN 40" AND 44" A.F.F. |
| M1 | 24"W X 36"H FRAMELESS MIRROR | BOT @ 3'-4" A.F.F. |
| MBH | (2) 24" MOP AND BROOM HOLDER | 48" A.F.F. |
| PTD | PAPER TOWEL DISPENSER (SURFACE MOUNT, ROLL TYPE) - OFCI | BOT. @ 42" A.F.F. |
| SND | SANITARY NAPKIN DISPOSAL | TOP @ 2'-6" A.F.F. |
| TC | TRASH CAN | BYOWNER |
| TP | TOILET PARTITION, HDPE PANELS | FLOOR MOUNTED OVERHEAD BRACED |
| TPH | TOILET PAPER HOLDER, MOUNT 36" FROM BACK WALL - OFCI | CENTER @ 24" A.F.F. COOR W/ OWNER |
| UP | URINAL PARTITION, HDPE PANELS | WALL MOUNTED |
| VGB | 1 1/2" DIA. VERTICAL GRAB BAR - 18" | BOT @ 3'-4" A.F.F. |
| ACCESSORY SCHE | EDULE GENERAL NOTES: | |
| 1. SEE SHEET A21 2. OFCI - OWNER F | 0 FOR ADDITIONAL INFORMATION. FURNISHED CONTRACTOR INSTALLED | |

| ٩ | SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS. |
|---|---|
| 3 | LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY OWNER. |
| ~ | VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMBING ELECTRICAL OPENINGS. GENERAL CONTRACTOR SHALL BE RESPONS FOR FINISH AT ALL VISIBLE AREAS. ALL OPENINGS SHALL BE SEALED AFTER UTILITY INSTALLATION. |
|) | PAINT ALL EXPOSED STEEL LINTELS, BEAMS, COLUMNS, ETC. |
| H | FINISHED FLOORING SHALL EXTEND UNDER CASEWORK AND FURNISHINGS. |
| - | DIMENSIONS ON PLANS ARE TO THE FACE OF STUDS/CONCRETE UNLESS NOTED OTHERWISE. |
| | |

| NEW 4" CONCRETE SLAB W/ FIBERGLASS REINFORCING |
|--|
| NEW WOOD POST, REPLACE IN-KIND 6X6 OR 6X8 PER LOCATI |
| KITCHEN EQUIPMENT, SEE FS DRAWINGS BY OTHERS |
| RELOCATE ICE MACHINES |
| NEW WALK IN COOLER |
| NEW WALK IN FREEZER |
| NEW FENCE, SEE A120 |
| NEW WATER HEATER, SEE PLUMBING |
| NEW ELECTRICAL EQUIPMENT, SEE ELECTRICAL |
| EXISTING ELECRICAL EQUIPMENT TO REMAIN |
| NEW CASEWORK |
| NEW SERVICE SINK |
| NEW FROST STOOP, SEE STRUCTURAL |
| WALL RUNS CONTINUOUS TO ROOF DECK |
| |



















EPDM MEMBRANE ROOF-CONTINUOUS PRE-FINISHED-METAL FLASHING OVER ROOF, TURN DOWN ALL SIDES W/ DRIP EDGE 5/8" PLYWOOD ROOF CAP-SLANT ROOF W/ 2X-

2X8 @ 24" O.C. ROOF — STRUCTURE LP SMARTSIDE SOFFIT

2X BLOCKING AS REQ'D-

BASEBALL BAT BRACKETS

2 LAYERS LP SMARTSIDE TRIM-1/2" PLYWOOD SHEATHING-2X WOOD BLOCKING AS REQ'D-LP SMARTSIDE SIDING-

5



ENTRY GATE HEAD DETAIL 1 1/2" = 1'-0"



| | KET NOTES KOOF |
|----------|--|
| | EXISTING ROOF TO REMAIN |
| <u>)</u> | EXISTING RIDGE VENT TO REMAIN |
| 3 | NEW RIDGE VENT |
| ŀ | NEW SEAMLESS ALUMINUM GUTTERS (5" K-STYLE) |
| ; | NEW OPEN FACED ALUMINUM DOWNSPOUT (3"x4") |











HSR ASSOCIATES INC. **100 MILWAUKEE STREET** LA CROSSE, WISCONSIN PHONE: 608.784.1830 FAX: 608.782.5844 WEB SITE: www.hsrassociates.com Z S DIN 1130 Col La Cros: **BUIL** SEPTEMBER 2016 M. ZETTLER Date 0' 1' 2' 4' 6' 9/12/2016 10:11:34 AM **A300**

| | | | | | | | C | OOR SCHEDULE | | | | | | | | |
|--------------------------------------|----------------------------------|--|---------------------------------|--|------------------------------------|-------------------------------|--------|-------------------------------|------|--------|---------|---------|---------|-------|----------|------------|
| | | | | | DOOR | | | FRAME | | | | | | | | |
| | SIZE | | | | | | U-CUT | | | | DETAILS | | | _ | | |
| DOOR | | | | _ | | | OR | | | | | | | FIRE | HDWR | |
| NO. | W | H | Т | MAT'L | TYPE | GLASS TYPE | LOUVEF | R MAT'L | ELEV | DEPTH | HEAD | JAMB | SILL | LABEL | GROUP | REMARKS |
| 101A | 3' - 0" | 7' - 0" | 1 3/4" | ALUM | D | GLT-13 | - | ALUM | 1 | 4 1/2" | - | 19/A500 | - | | 1 | |
| 101B | 12' - 0" | 9' - 0" | 2" | ALUM | F | GLASS PROVIDED BY DOOR MANUF. | - | FRAME PROVIDED BY DOOR MANUF. | | | 10/A500 | 11/A500 | 12/A500 | | | |
| 101C | 12' - 0" | 9' - 0" | 2" | ALUM | F | GLASS PROVIDED BY DOOR MANUF. | - | FRAME PROVIDED BY DOOR MANUF. | | | 10/A500 | 11/A500 | 12/A500 | | | |
| 101D | 12' - 0" | 9' - 0" | 2" | ALUM | F | GLASS PROVIDED BY DOOR MANUF. | - | FRAME PROVIDED BY DOOR MANUF. | | | 10/A500 | 11/A500 | 12/A500 | | | |
| 102A | 3' - 0" | 7' - 0" | 1 3/4" | WD | В | GLT-4 | U | WD | 3 | 4 7/8" | 15/A500 | 16/A500 | - | | 4 | |
| 103A | 3' - 0" | 7' - 0" | 1 3/4" | WD | A | - | U | WD | 3 | 4 7/8" | 15/A500 | 16/A500 | - | | 4 | |
| 104A 105A | 3' - 0" | 7 - 0 | 1 3/4 | HM | A | - | 0 | | 2 | 4 //0 | 6/A500 | 7/4500 | - | | 2 | P1 |
| 106A | 3' - 0" | 7 - 0" | 1 3/4 | НМ | <u> </u> | - | - | HM | 2 | 4 1/2 | 6/4500 | 7/A500 | - | | 2 | R1 |
| 108A | 3' - 0" | 7' - 0" | 1 3/4" | HM | C | - | U | HM | 2 | 4 1/2" | 6/A500 | 7/A500 | | | 3 | |
| 109A | 3' - 0" | 7' - 0" | 1 3/4" | HM | C | - | - | HM | 2 | 4 1/2" | 6/A500 | 7/A500 | - | | 1 | |
| 109B | 6' - 6" | 6' - 6" | 2" | STAINLESS STL | E | - | - | FRAME PROVIDED BY DOOR MANUF. | | | 1/A500 | 2/A500 | 3/A500 | | | |
| 109C | 6' - 6" | 5' - 8" | 2" | STAINLESS STL | E | - | - | FRAME PROVIDED BY DOOR MANUF. | | | 1/A500 | 2/A500 | 3/A500 | | | |
| 109D | 6' - 6" | 5' - 8" | 2" | STAINLESS STL | E | - | - | FRAME PROVIDED BY DOOR MANUF. | | | 1/A500 | 2/A500 | 3/A500 | | | |
| 109E | 6' - 6" | 5' - 8" | 2" | STAINLESS STL | E | - | - | FRAME PROVIDED BY DOOR MANUF. | | | 1/A500 | 2/A500 | 3/A500 | | | |
| 110A | 3' - 0" | 7' - 0" | 1 3/4" | HM | С | - | - | HM | 2 | 4 1/2" | 6/A500 | 7/A500 | - | | 1 | |
| 113A | 3' - 0" | 7' - 0" | 1 3/4" | | | | | | | | - | - | - | | EXISTING | R2 |
| 113B | 8' - 1 1/2" | 3' - 9" | 2" | | | | | | | | - | - | - | | EXISTING | |
| 113C | 8' - 1 1/2" | 3' - 9" | 2" | | | | | | | | - | - | - | | EXISTING | |
| 113D | 8' - 1 1/2" | 3' - 9" | 2" | | | | | | | | - | - | - | | EXISTING | D 0 |
| 114A | 3' - 0" | 7' - 0" | 1 3/4" | | | | | | | | - | - | - | | EXISTING | R2 |
| DOOR | SCHED | DULE G WD = WO HM = INSU | ENER DOD OF | RAL NOTES HD = OVER HEAD OLLOW METAL P | DOOR HM = HOLLO POLYESTHER ALUM | OW METAL = ALUMINUM | | | | | | | | | | |
| A. SEE SP B. ALL HM C. ALL O.H | ECIFICATIO (HOLLOW DOORS S | ONS FOR D METAL) AN SHALL BE I DULE F | DOOR HA ND IHM (I NSULATE | RDWARE GROUP NSULATED HOLLO ED RKS | S. OW METAL) DOORS : | AND FRAMES SHALL BE PAIN | TED. | | | | | | | | | |
| | | | | - | | | | | | | | | | | | |
| I. PROVIL | | UOW SIGN | AGE. | | | | | | | | | | | | | |
| 2. EXISTIN | IG SECURI | TY GRATE | TO REM | AIN. | | | | | | | | | | | | |

TESTED U-FACTOR: 0.36 EFFECTIVE U-FACTOR: 0.39

TESTED U-FACTOR: 0.42 EFFECTIVE U-FACTOR: 0.47

TESTED U-FACTOR: 0.42 EFFECTIVE U-FACTOR: 0.46

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL ROUGH OPENING REQUIREMENTS AND DIMENSIONS ALL ALUMINUM SHALL HAVE A MILL SPEAK THRU SHALL BE C.L. TICKET WINDOW SHALL BE C.L. LAWRENCE HALF ROUND 723A W/ 723A12 SPACER KIT FOR 1/2" GLASS (NON-BULLET RESISTANT)

| HARDWARE SPECIFICATIONS | |
|---|--|
| GROUP 1 EACH ALUM/FRP DR TO HAVE: DR NUMBERS-101A,109A,110A | |
| 1 EA CONTINUOUS HINGE MCK-14HD 83" CL 1 EA CLASSRM LOCK ND70PD RHO 626 1 EA CLOSER 4111 S-CUSH 689 1 EA THRESHOLD S425A36 1 EA WEATHERSTRIP/SWEEP | EAR MCKINNEY SCHALGE LCN REESE BY FRP SUPPLIER |
| GROUP 2 EACH ALUM/FRP DR TO HAVE: DR NUMBERS-105A,106A | |
| 1 EA CONTINUOUS HINGE MCK-14HD 83" CL 1 EA CLASSROOM DEADBOLT B663P 626 1 EA PUSH PLATE 70C US32D 1 EA PULL 110 X 70C US32D 1 EA CLOSER 4111 S-CUSH 689 1 EA THRESHOLD S425A36 1 EA WEATHERSTRIP/SWEEP | EAR MCKINNEY SCHLAGE ROCKWOOD ROCKWOOD LCN REESE BY FRP SUPPLIER |
| GROUP 3 EACH ALUM/FRP DR TO HAVE: DR 108A | |
| 3 EA HINGES T4A3786 4.5 X 4.5 652 1 EA STORERM LOCK ND80PD RHO 626 1 EA CLOSER 4011 REG 689 1 EA WALL STOP 409 US32D | MCKINNEY SCHALGE LCN ROCKWOOD |
| GROUP 4 EACH ALUM/FRP DR TO HAVE: DR 102A,103A,104A | |
| 3 EA HINGES TA2714 4.5 X 4.5 652 M 1 EA ENTRANCE LOCK ND53PD RHO 626 1 EA CLOSER 4011 REG 689 LCN 1 EA WALL STOP 409 US32D ROCKW | CKINNEY SCHALGE OOD |
| | |
| GLT 4 1/4" tempered, clear, FS DD G 451, Grade B, Style q3, free of tong marks, ANSI Z97.1 | e 1, Type I, class 1, quality |
| GLT 12 Space between lites filled with argon. Outboard Lite: Fully tempered float glass, 1/8" thick n Inboard Lite: Annealed float glass, 1/8" thick minimum Low-E Coating PPG Solarban 60 on #3 surface. Total Thickness: 1/2" Thermal Transmittance (U-Value): Summer - Center Visible Light Transmittance: 70 percent Solar Heat Gain Coefficient (SHGC): 0.38 | ninimum. Clear tint. n. Clear tint. or Glass: 0.35 |
| GLT 13 Space between lites filled with argon. Outboard Lite: Fully tempered float glass, 1/4" thick n Inboard Lite: Annealed float glass, 1/4" thick minimum Low-E Coating PPG Solarban 60 on #3 surface. Total Thickness: 1" Thermal Transmittance (U-Value): Summer - Center of Visible Light Transmittance: 70 percent | ninimum. Clear tint. n. Clear tint. or Glass: 0.24 |

| | Μ | IANUFACTURER / COLOR | GENERAL LOCATION | | | | | | | | | | | |
|---|---|--|---|--|---|--|---|--|--|--|--|---|--|--|
| 06 41 00 ARC | HITECTURAL WOOD |) CASEWORK | | | 09 30 00 TIL | ECONTINUED | | | | 09 65 00 RESILI | ENT FLOORING CONTINUED | | | |
| PLAM-1 (plastic laminate) | <u>Manufacturer:</u> <u>Color:</u> <u>Finish:</u> | Formica Charcoal Lacquered Linen 9491-90 Matte | See Interior Elevations A210 TYP. For ALL countertops unless noted otherwise | * Comparable Products by prior approval | TLE-4 | <u>Manufacturer:</u> <u>Color:</u> <u>Size:</u> <u>Thickness:</u> | Summitville Quarry Tile (RBC Tile & Stone) Oxford Gray 44 6" Cove 1/2" | Install @ Utility 108, Concessions 109 & Dishes 110 | * Comparable Products by prior approval | LVT-1 (luxury vinyl tile) | <u>Manufacturer:</u> <u>Style:</u> <u>Color:</u> <u>Size:</u> Thickness: | Armstrong Parallel ™ Grove 6" x 36" 0100" (2 5MM) | *ALTERNATE See ID100 | * Comparable Products by prior approval |
| PLAM-2 | <u>Manufacturer:</u> <u>Color:</u> <u>Finish:</u> | Formica Natural Birch 7481-58 Matte | See Interior Elevations A210 | * Comparable Products by prior approval | TT-1 (tile trim) | <u>Manufacturer:</u> <u>Product:</u> <u>Color:</u> | Schluter Systems Dilex-AHKA Anodized Aluminum | See Interior Elevations See A210 | * Comparable Products by prior approval | SV-1 | Manufacturer: | 20 Mil Altro | *ALTERNATE | * Comparable Products |
| 06 61 00 SIMU | ILATED STONE FAB | RICATIONS | | | 09 51 00 AC | | | | | | <u>Collection:</u> | Classic 25 Blackberry X2547 | See ID100 | by prior approvar |
| SS-1 (solid surface) | <u>Manufacturer:</u> <u>Color:</u> <u>Finish:</u> | Heartland (Northstar) Galaxy NS1-410 Manuf. Standard | Window Sills *ALTERNATE | * Comparable Products by prior approval | ACT-1 (acoustic ceiling | Manufacturer: Product: Texture: | Rockfon Artic ® Smooth | See Reflected Ceiling Plan See A110 | * Comparable Products by prior approval | | <u>Thickness:</u> <u>Width:</u> Installation: | .0100" (2.5MM) 6.5' Heat Welded seam - Coved base | | |
| | | | at Pro Shop Trans. Counter | | tile) | <u>Color:</u> | White | | | 09 9000 PAINTS | AND COATINGS | | | |
| 06 82 00 GLASS FIBER REINFORCED PLASTIC | | | Size: NRC: Installation: | | 24" x 24" .75 <u>ation:</u> Tegular Square Edge | | | PNT-1 (paint) | <u>Manufacturer:</u> <u>Color:</u> Product Code: | Sherwin Williams Extra White SW 7006 | Field - Apply to all walls & ceilings; unless otherwise noted | * Or equal | | |
| FRP-1 (fiber reinforced plastic) | <u>Manufacturer:</u> <u>Product:</u> <u>Finish:</u> <u>Size:</u> <u>Thickness:</u> <u>Color:</u> | Crane Composites Glasbord ® Surfaseal 4'-10" .09" White 85 Embossed | Install floor to ceiling @ Concessions 109 & Dishes 110 Install 4'-0" AFF @ Utility 108 | * Comparable Products by prior approval | LPC-1 (linear plank ceiling) | <u>Manufacturer:</u> <u>Product:</u> <u>Panel Size:</u> <u>Color:</u> <u>Size:</u> NRC: | Ceilings Plus Barz ® See A110 Sarante CP Maple S-32 24" x 24" 75 | See Reflected Ceiling Plan See A110 | * Comparable Products by prior approval | PNT-2 | <u>Manufacturer:</u> <u>Color:</u> <u>Product Code:</u> | Sherwin Williams Iron Ore SW 7069 | Apply to all door/window frames | * Or equal |
| 09 30 00 TILE | | | | | | Installation: | Torsion Sprint System | | | PNT-3 | Manufacturer: Color: | Sherwin Williams Custom Color - Loggers Logo | Green Accent | * Or equal |
| TLE-1 | Manufacturer: | Epoca Ceramiche (RBC Tile & Stone) | Install floor to ceiling @ | * Comparable Products | 09 65 00 RES | SILIENT FLOORING | | | | | Product Code: | TBD | | |
| (tile) | Collection: Color: Finish: Size: Installation: | Design Positive - Home Colors Blanc Satin 8"x20" Stack Bond | Women's Restroom 105 & Men's Restroom 106 See A210 | by prior approval | KT-1 (kinetex tile) | Manufacturer: Product: Collection Color: Construction: | J + J Flooring Group Kinetex Flash 1818 Verde 1721 Loop | *ALTERNATE See ID100 | * Comparable Products by prior approval | PNT-4 | <u>Manufacturer:</u> <u>Color:</u> <u>Product Code:</u> | Sherwin Williams High Strung SW 6705 | Green Accent | * Or equal |
| TIE 2 | Monufacturari | Enoco Coromicho (PPC Tilo & Stono) | Install floor to sailing @ | * Comparable Broducto | _ | Backing: Dye Method: | Polyester Felt Cushion Solution Dyed | | | 10 21 13 TOILET COMPARTMENTS | | | | |
| TLE-2 | <u>Collection:</u> <u>Color:</u> Finish: | Design Positive - Home Colors Vert Pistache 01 Satin | Women's Restroom 105 & Men's Restroom 106 | by prior approval | | Installation: | Quarter Turned | | | TP-1 (Toilet Partition) | <u>Manufacturer:</u> <u>Product:</u> Color Texture: | Scranton Hiny Hiders Paisley Orange Peel | Women's Restroom 105 & Men's Restroom 106 | * Or equal |
| | Size: Installation: | 8"x20" Stack Bond | See A210 | | KT-2 | <u>Manufacturer:</u> <u>Product:</u> <u>Collection Color:</u> | J + J Flooring Group Kinetex Pop 1816 Verde 1721 | *ALTERNATE See ID100 | * Comparable Products by prior approval | | | | | |
| TLE-3 | <u>Manufacturer:</u> <u>Color:</u> <u>Size:</u> Thickness: | Summitville Quarry Tile (RBC Tile & Stone) Oxford Gray 44 6" x 6" 1/2" | Install @ Utility 108, Concessions 109 & Dishes 110 | * Comparable Products by prior approval | | Construction: Backing: Dye Method: Size: Installation: | Loop Polyester Felt Cushion Solution Dyed 24" x 24" Quarter Turned | | | | | | | |

| | INTERIOR GENERAL NOTES: |
|---|--|
| A | REFERENCES TO PAINT PERTAIN TO COLOR ONLY; PAINT TYP SHALL BE IDENTIFIED IN THE ARCHITECTURAL SPECIFICATION |
| В | PNT-1 FIELD PAINT; ACCENT PAINT AS INDICATED. SEE ID SHE |
| С | REFER TO MASTER COLOR SCHEDULE FOR MATERIAL FINISH SPECIFICATIONS, ANNOTATIONS, AND ADDITIONAL INFORMATIONS |
| D | TOILET ROOM WALL GROUT LINES SHALL ALIGN TO CONTINU PATTERN THROUGHOUT. SEE A210 FOR ELEVATED PATTERN |
| E | AT DISSIMILAR FLOORING FINISHES, SET JOINT OF MATERIAL OF DOOR. TRANSISITONS TO BE ADA COMPLIANT. |
| F | SEALED CONCRETE - AS BASE BID - SEE PLANS FOR ALTERN FINISHES. |
| G | VINYL WALL BASE TO BE INSTALLED WHERE ALTERNATE FLO CALLED FOR - COLOR TO BE SELECTED BY A/E - SEE A210. |
| | |
| | FINISH KEY PLAN: |
| | X SEE ROOM FINISH REMARKS |
| | XXX) WALL BASE |
| / | |
| | |
| | FINISH LEGEND: |
| | TLE-1 TLE-2 TLE-3 |
| | KT-1 (ALT.) (ALT.) (ALT.) |
| | |
| | ROOM FINISH REMARKS |
| 1 | |
| 4 | ULINAIVIIG VVALL TILL - I LOOK TO GEILING - SEE AZTU |

BEER GARDEN

ELECTRICAL EXISTING KITCHEN

| BUILDING CODE AS CONTAINED IN CHAPTERS SPS 361 TO 366 C OCCUPANCY CATEGORY DESIGN LOADS AND DATA |)F THE WISCONSIN ADMINISTRATIVE CODE. | REMOVE EXISTING SURFICIAL TOP SOI TEN FEET BEYOND. EXCAVATE MATER RUBBER TIRED VECHICLE. SOILS WHIC REPLACED WITH ENGINEERED FILL. |
|--|---|--|
| SOIL LOADS ACTIVE SOIL PRESSURE PASSIVE SOIL PRESSURE SUPERIMPOSED LOADS BOOE LOADS | 30 PSF PER FOOT OF DEPTH 250 PSF PER FOOT OF DEPTH | SUGRADE PREPARATION FOR FOOTING CAPACITY SOILS AT OR NEAR DESIGN NOMINAL BEARING DEPTH, SEE OVER |
| DEAD LIVE (SEE SNOW LOAD ALSO) LIVE LOAD REDUCTION • ROOF LOADS | 20 PSF 20 PSF NONE | ALL COMPACTION REQUIREMENTS REF GRANULAR STRUCTURAL FILL BENEAT LAYER SHALL BE COMPACTED TO 95%. PLACED IN LAYERS NO THICKER THAN |
| GROUND SNOW (Pg) SNOW DENSITY ROOF EXPOSURE SNOW IMPORTANCE FACTOR (Is) | 40 PSF 19.2 PCF FULLY EXPOSED 1.0 | MATERIALS AS REQUIRED TO OBTAIN F SIGNIFICANT PERCENT OF COHESIVE F CONTENT AT COMPACTION. |
| SNOW EXPOSURE FACTOR (Ce) THERMAL FACTOR - BUILDING (Ct) THERMAL FACTOR - CANOPY, MANSARDS (Ct) SLOPED ROOF SNOW LOAD (Ps) UNBALANCED SNOW LOAD | 1.0 1.2 1.2 33.6 PSF AS NOTED BELOW | COLUMNS, PIERS, AND SPREAD FOOTI FOOTINGS ARE CENTERED ON WALLS BACKFILL UNIFORMLY ON EACH SIDE O |
| WIND DATA BASIC WIND SPEED (3 SECOND GUST) BUILDING ENCLOSURE EXPOSURE | 90 MPH ENCLOSED C | DO NOT BACKFILL AGAINST ANY STRUCTURAL DO NOT BACKFILL AGAINST BASEMEN SLAB-ON-GRADE. TOP OF FOOTING ELEVATION NOTED (|
| WIND IMPORTANCE FACTOR (IW) WIND DIRECTIONALITY FACTOR (Kd) TOPOGRAPHIC FACTOR (Kzt) GUST FACTOR (BUILDING IS RIGID (G)) INTERNAL PRESSURE COEFFICIENT (GCpi) ANALYSIS PROCEDURE ANALYSIS PROCEDURE | 1.0 0.85 1.0 0.85 ± 0.18 SIMPLIFIED CHAPTER 26 | PROTECTION FROM FROST AND MINIM UNCERTAINTIES INHERENT IN DETERM CAPACITY MAY REQUIRE FOUNDATION NOTED. A GEOTECHNICAL ENGINEER REQUIRED DESIGN SOIL BEARING CAP |
| EDGE ZONE WIDTH (a) MEAN ROOF HEIGHT (h) ROOF PLANE SLOPE (Θ) COMPONENTS AND CLADDING MINIMUM NET UPLIFT INTERIOR SPACES | 4 F T 15 FT 18.4 DEGREES SEE ADJACENT TABLE 10 PSF | CAST-IN-PLACE CONCRETE DESIGN AND CONSTRUCTION SHALL E WHERE MORE RESTRICTIVE REQUIRE |
| EXTERIOR CANOPIES/SOFFITS SEISMIC DATA SEISMIC IMPORTANCE FACTOR MAPPED SPECTRAL RESPONSE ACCELERATION FOR SHOF MAPPED SPECTRAL RESPONSE ACCELERATION FOR 1 SEC SITE CLASS PER ASCE CHAPTER 20.1 DESIGN SPECTRAL RESPONSE ACCELERATION FOR SHOP | 30 PSF 1.00 RT PERIODS (Ss) 0.063 COND PERIOD (S1) 0.034 D D D D D D D D D D D D D | REINFORCING CLEAR COVER SHALL B DRAWINGS. CONCRETE CAST AGAINST AND P CONCRETE EXPOSED TO EARTH #3 - #5 BARS #6 #19 PARS |
| DESIGN SPECTRAL RESPONSE ACCELERATION FOR SHOR DESIGN SPECTRAL RESPONSE ACCELERATION FOR 1 SEC SEISMIC DESIGN CATEGORY BASIC SEISMIC FORCE RESISTING SYSTEM AND PARAMET LIGHT FRAME WOOD WALLS SHEATHED WITH WOOD S R = 6.5 Ω = 3.0 Cd = 4.0 | OND PERIOD (SD1) 0.000 A ERS STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE | WO - #10 BARS CONCRETE NOT EXPOSED TO EAU WALLS - #3 THRU #11 BARS WALLS - #14 THRU #18 BARS STRUCTURAL SLABS - TOP, E |
| IATERIAL STRENGTHS AND STANDARDS | | ALL BAR SPLICES SHALL BE CONTACT |
| NOTED IN THE SPECIFICATIONS. SEE SPECIFICATIONS FOR AD BETWEEN THESE NOTES AND THE SPECIFICATIONS, THESE NO SOILS DESIGN SOIL BEARING CAPACITY FOR SPREAD/STRIP FOO CONCRETE (28 DAY STRENGTH) | DITIONAL INFORMATION. IN CASE OF DISCREPANCY TES SHALL GOVERN. ITINGS 1500 PSF (PRESUMED) | FIELD WELDING OF ASTM A615 REINFC NOT PERMITTED EXCEPT WHERE SPEC CORING OF COLUMNS, WALLS, BEAMS |
| FOUTINGS, DRILLED PIERS, STEEL PILE FILL FOUNDATION WALLS, INTEGRAL PIERS INTERIOR SLAB-ON-GRADE EXTERIOR SLAB-ON-GRADE REINFORCING STEEL WELDED WIRE FABRIC, PROVIDED IN FLAT SHEETS ONLY (| (ASTM A185) F c = 3,000 PSI F'c = 4,000 PSI F'c = 4,500 PSI Fy = 65,000 PSI | WOOD FRAMING WOOD FRAMING DESIGN AND CONSTRUCTION OF WOO OF THE 2005 EDITION OF THE NATIONAL |
| DEFORMED BARS (ASTM A615, GRADE 60) WOOD WALL STUDS (SPF, STUD GRADE) JOISTS/HEADERS (SPF, NO. 2 OR BETTER) LAMINATED STRAND LUMBER (LSL) LAMINATED VENEER LUMBER (LVL) Fb = 3 100 | Fy = 60,000 PSI SI Fc II = 725 PSI E = 1,200,000 PSI SI Fv = 135 PSI Fc \perp = 425 PSI E = 1,400,000 PSI PSI Fv = 400 PSI Fc \perp = 880 PSI E = 1,700,000 PSI PSI Fv = 285 PSI Fc \perp = 750 PSI F = 2,000,000 PSI | THE 2005 EDITION OF THE NDS SUPPL EDITION OF THE SPECIAL DESIGN PRO RESTRICTIVE REQUIREMENTS ARE NO DESIGN AND CONSTRUCTION OF WOO EDITION OF THE PLYWOOD DESIGN SI |
| POSTS AND TIMBERS (SPF, NO.2 OR BETTER) Fb = 500 P BEAMS AND STRINGERS (SPF, NO.2 OR BETTER)Fb = 600 P BOLTS AND LAG SCREWS (ASTM A307, GRADE A) GENERAL NOTES | SI Fc II = 500 PSI E = 1,000,000 PSI SI Fv = 125 PSI Fc ⊥ = 425 PSI E = 1,000,000 PSI Fy = 36,000 PSI | USE STEEL WASHERS BETWEEN HEAT |
| EXISTING CONDITIONS INFORMATION PERTAINING TO EXISTING CONDITIONS GIVE ACTUAL EXISTING FIELD CONDITION TO THE BEST OF OUR NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR S | EN ON THE STRUCTURAL DRAWINGS REPRESENTS THE KNOWLEDGE. R.A. SMITH NATIONAL, INC. MAKES HALL FIELD VERIFY EXISTING ELEVATIONS. DIMENSIONS AND | METAL PLATED WOOD TRUSSES |
| BUILDING CONDITIONS AFFECTING THE WORK BY DIRECT ERECTION OR CONSTRUCTION OF ANY ITEM IMPACTED BY THE CONTRACT DOCUMENTS AND FIELD CONDITIONS FOR RESOLUTION OF THE DISCREPANCIES IS SUBJECT TO REM | SURVEY AND MEASUREMENT PRIOR TO THE FABRICATION, (EXISTING CONDITIONS. REPORT DISCREPANCIES BETWEEN REVIEW. ANY WORK PERFORMED PRIOR TO THE NOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE. | WOOD TRUSSES SHALL BE DESIG METAL PLATE CONNECTED WOO FOR STRESS GRADE LUMBER AN |
| EXISTING STRUCTURE TO REMAIN IS SHOWN WITH LIGHT (NOT GENERALLY SHOWN ON STRUCTURAL DRAWINGS - SI ALL EXISTING STRUCTURE TO REMAIN TO BE SUPPORTED | GRAY LINES. EXISTING STRUCTURE TO BE REMOVED IS EE ARCHITECTURAL DRAWINGS FOR DEMOLITION DRAWINGS. BY NEW CONSTRUCTION SHALL BE SHORED UNTIL NEW | ROOF TRUSSES SHALL BE DESIG TOP CHORD LIVE LOAD TOP CHORD DEAD LOAD BOTTOM CHORD LIVE LOA BOTTOM CHORD DEAD LC |
| STRUCTION IS IN PLACE, COMPLETED, AND CAPABLE STRUCTURE TO REMAIN THAT IS AFFECTED, BUT NOT SUP IT IS NO LONGER AFFECTED BY CONSTRUCTION ACTIVITIE CONSTRUCTION UNLESS SPECIFICALLY NOTED OTHERWISE, BUILDING STR UNLESS APPECIFICALLY NOTED OTHERWISE, BUILDING STR | PORTED, BY NEW CONSTRUCTION SHALL BE SHORED UNTIL | IN ADDITION TO THE LOADS STAT AND/OR ANY SPECIAL LOAD CON INTERNATIONAL BUILDING CODE |
| CONDITION ONLY, AND HAS NOT BEEN ANALYZED, INVEST INDIVIDUAL MEMBER, STABILITY DURING CONSTRUCTION. BRACING AND SUPPORTS FOR ALL STRUCTURAL ELEMENT EVERY STAGE OF CONSTRUCTION UNTIL THE FINAL COMP STRUCTURE, WHILE UNDER CONSTRUCTION IS INTENDED TEMPORARY BRACES AND SUPPORTS, WHICH SHALL ADD LOADING. MATERIALS AND EQUIPMENT SHALL BE STORED | IGATED OR DESIGNED FOR OVERALL STRUCTURE, OR CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY TS, BOTH INDIVIDUALLY AND COLLECTIVELY, AS REQUIRED AT 'LETION OF THE STRUCTURE. NO PORTION OF THE BUILDING TO BE STABLE IN THE ABSENCE OF THE CONTRACTORS ITIONALLY PROVIDE SUPPORT FOR ALL CONSTRUCTION D, TRANSPORTED AND INSTALLED IN A MANNER THAT WILL | ROOF TRUSSES SHALL HAVE A M FABRICATION, HANDLING, STORA RECOMMENDED PRACTICES AND TRUSSES SHALL NOT BE CUT, AE TRUSS DESIGNER, ENGINEER, AM |
| NOT EXCEED THE DESIGN FLOOR LOADING. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, TEMPO SUPPORT IMPOSED CONSTRUCTION LOADS, AND OTHER S | METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF RARY BRACING, SUPPORTS, SHORING, FORMING TO SIMILAR ITEMS. | WOOD TRUSS DESIGNER/SUPPLI THE STATE OF WISCONSIN FOR F CONTRACTOR SHALL SUBMIT TR REVIEW AND STAMP ALL SHOP D |
| STRUCTURAL DOCUMENTS MAY REFER TO OSHA REQUIRE INTENDED TO IDENTIFY ALL APPLICABLE OSHA REQUIREM COMPLETENESS | EMENTS. SUCH REFERENCES ARE INCIDENTAL, AND ARE NOT IENTS. | SHOP DRAWINGS SUBMISSIONS NAME, ADDRESS, PHONE SLOPE OR DEPTH, SPAN, LOCATION OF ALL JOINTS |
| INFORMATION CONTAINED IN THE GENERAL NOTES IS ONL SEE SPECIFICATIONS, PLANS AND DETAILS FOR ADDITION. USE ONLY DIMENSIONS INDICATED ON THE DRAWINGS. D DIMENSIONS MEASURED FROM ELECTRONIC DRAWING FIL | LY A PARTIAL SUMMARY OF PROJECT REQUIREMENTS. AL REQUIREMENTS. O NOT MANUALLY SCALE THE DRAWINGS OR USE ANY LES. | ALL DESIGN LOADS ADJUSTMENTS TO LUMBE EACH REACTION FORCE / METAL CONNECTOR PLAT LUMBER SIZE, SPECIES, A CONNECTION REQUIREMI |
| UNLESS NOTED OTHERWISE, CENTERLINE OF FLOOR FRA CENTERLINES, AND FRAMING ELEMENTS ARE EQUALLY SF MAJOR OPENING LOCATIONS AND SIZES ARE INDICATED C AND SLEEVES REQUIRED TO ACCOMMODATE VARIOUS BU | MING ELEMENTS COINCIDES WITH COLUMN PACED BETWEEN ADJACENT COLUMN CENTERLINES. ON THE STRUCTURAL DRAWINGS - SMALLER OPENINGS JILDING SERVICES MAY NOT BE NOTED. CONTRACTOR TO | CALCULATED DEFLECTIO SPECIFY ALL TRUSS TO T SPECIFY AND SHOW ALL CONTRACTOR IS RESPONSIBLE I |
| VERIFY THE SIZE AND LOCATION OF ALL ARCHITECTURAL, INCLUDING CLEARANCE REQUIREMENTS CONTAINED IN TH AND IN-PLACE OPERATION OF THE RESPECTIVE EQUIPMEN PENETRATIONS BE MADE IN ANY STRUCTURAL ELEMENT A WITHOUT WRITTEN APPROVAL OF THE STRUCTURAL ENGI | MECHANICAL, ELECTRICAL AND PLUMBING OPENINGS, HE RESPECTIVE DISCIPLINE DOCUMENTS FOR INSTALLATION NT OR ITEMS. UNDER NO CIRCUMSTANCES MAY AFTER FINAL PLACEMENT IN THE BUILDING STRUCTURE, INEER. | AND BRACING METAL PLATE CO TRUSSES EXPOSED TO MOISTUP PLATES. |
| CONSULT ARCHITECTURAL, MECHANICAL, ELECTRICAL AN SHEETS FOR LOCATIONS AND DIMENSIONS OF PADS, CUR REGLETS, REVEALS, FINISHES AND OTHER MISCELLANEOU INCIDENTAL ACCOMMODATION BY THE BUILDING STRUCTU | ID PLUMBING DRAWINGS AND MANUFACTURERS SPEC .BS, EQUIPMENT SUPPORTS, DEPRESSIONS, INSERTS, DRIPS, US PROJECT REQUIREMENTS THAT NECESSITATE URE BUT ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS. | DESIGN ROOF TRUSSES TO RES CODE WITH WISCONSIN AMENDE ALL TRUSS TO TRUSS CONNECT |
| GENERAL THE STRUCTURE HAS BEEN DESIGNED AS UNRESTRAINED ASSEMBLY EVALUATIONS. STRUCTURAL COMPONENTS HAVE NOT BEEN DESIGNED F PLACE VIRPATORY FOLURMENT AND FOLURMENT SENSITIV |) FOR THE PURPOSE OF FIRE RATING AND FIREPROOFING FOR VIBRATORY EQUIPMENT UNLESS NOTED OTHERWISE. | COORDINATE OPEN WEB PLACE MECHANICAL SERVICES, ETC. |
| LATERAL BRACING FOR NON-STRUCTURAL ELEMENTS DES DESIGNED TO APPLY LOADS DIRECTLY TO FLOOR OR ROC BOTTOM FLANGES OF BEAMS OR BOTTOM CHORDS OF JO | SIGNED AND DETAILED BY COMPONENT SUPPLIERS SHALL BE DF DIAPHRAGMS. BRACES SHALL NOT ATTACH DIRECTLY TO DISTS UNLESS THE COMPONENT SUPPLIER PROVIDES | CONDUIT EMBEDDED IN CONCRETE THE USE OF ALUMINUM IN STRUCTURAL C ALUMINUM REACTS WITH CONCRETE AND WITH STEEL, CAUSING CRACKING AND/OR OPEON PROOF CATAVIANCE CATAVIANCE |
| ADDITIONAL BRACING FROM THOSE ELEMENTS TO THE FL HOLES, NOTCHES, BLOCK-OUTS AND OTHER SIMILAR FIEL SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS | OOR OR ROOF DIAPHRAGM AT EACH ATTACHMENT POINT. D MODIFICATIONS TO STRUCTURAL MEMBERS NOT S OR APPROVED SHOP DRAWINGS ARE NOT PERMITTED. | SPECIAL PROBLEM SINCE STRAY ELECTRI |
| EXCEPT AS NOTED BELOW, ALL FUTURE EXPANSION IS AS GRAVITY AND LATERAL LOADS. | SUMED TO BE COMPLETELY SELF SUPPORTING FOR BOTH | |
| + | 8'-6". | |
| 10.1 PSF | 54.0 PSF 33.6 PSF | |

UNBALANCED SNOW LOAD

AND VEGETATION FROM WITHIN THE BUILDING AREA AND A MINIMUM OF TO PROPOSED SLAB-ON-GRADE SUBGRADE. PROOFROLL WITH A HEAVY HEAVE, PUMP, OR DO NOT READILY COMPACT SHALL BE EXCAVATED AND

SHALL CONSIST OF EXCAVATION TO REQUIRED ALLOWABLE BEARING OTING ELEVATIONS. WHERE UNSUITABLE SOIL IS ENCOUNTERED AT CAVATION DETAIL.

R TO % OF MAXIMUM DRY DENSITY PER ASTM D-1557 MODIFIED PROCTOR. FOOTINGS SHALL BE PLACED IN LAYERS NO MORE THAN 8" THICK, AND EACH OHESIVE FILL APPROVED BY THE GEOTECHNICAL CONSULTANT SHALL BE , AND EACH LAYER SHALL BE COMPACTED TO 95%. MOISTURE CONDITION FILL OPER COMPACTION. COHESIVE SOILS OR GRANULAR SOILS WITH A NES SHALL BE CONDITIONED TO WITHIN 3% OF OPTIMUM MOISTURE

S ARE CENTERED ON GRIDLINES UNLESS NOTED OTHERWISE. CONTINUOUS BOVE UNLESS NOTED OTHERWISE. FOUNDATION WALLS, GRADE BEAMS AND OTHER SIMILAR ELEMENTS. DO NOT

EMENT UNTIL THAT ELEMENT HAS ATTAINED FULL DESIGN STRENGTH. WALLS UNTIL TOP AND BOTTOM OF WALL IS BRACED BY FLOOR FRAMING AND

DRAWINGS REPRESENT CONSIDERED ENGINEERING JUDGMENTS ABOUT I DEPTH TO SOILS CAPABLE OF PROVIDING DESIGN SOIL BEARING CAPACITY. NING THE ELEVATION OF SOILS ADEQUATE TO PROVIDE DESIGN BEARING TO BE LOWERED – IN NO CASE SHALL TOP OF FOOTING BE HIGHER THAN HALL VERIFY THAT SOIL AT THE FOOTING BASE IS ADEQUATE TO PROVIDE THE

NACCORDANCE WITH THE PROVISIONS OF ACI 318 –05 EXCEPT NTS ARE NOTED.

AS NOTED BELOW UNLESS SPECIFICALLY NOTED OTHERWISE ON STRUCTURAL MANENTLY EXPOSED TO EARTH 3" R WEATHER

| | 1 1/2" | |
|------------------|--------|--|
| | 2" | |
| EARTH OR WEATHER | | |
| 3 | 3/4" | |
| RS | 1 1/2" | |
| P, BOTTOM | 1" | |
| | | |
| | | |

INGS AND (2) #5 DIAGONAL BARS AT ALL OPENING AND RE-ENTRANT MUM OF 24" PAST OPENING. P SPLICED USING CLASS B TENSION LAP LENGTHS, WITH ADJACENT LAPS

DETAILED OTHERWISE. ING STEEL IS NOT PERMITTED. FIELD BENDING OF REINFORCING STEEL IS

ICALLY DETAILED ON STRUCTURAL DRAWINGS. OISTS AND SLABS IS NOT PERMITTED. PROVIDE STEEL SLEEVES FOR ALL ROVED BY THE STRUCTURAL ENGINEER PRIOR TO PLACING CONCRETE.

RAMED CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION, INCLUDING ENT DESIGN VALUES FOR WOOD CONSTRUCTION, AND THE 2008 ISIONS FOR WIND AND SEISMIC STANDARD, EXCEPT WHERE MORE

ANELS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE 1998 CIFICATION, INCLUDING SUPPLEMENTS 1-5, EXCEPT WHERE MORE RESTRICTIVE

ND NUT OF BOLT AND WOOD, AND BETWEEN HEAD OF LAG SCREW AND WOOD. EMBERS, INCLUDING PLYWOOD, DIRECTLY EXPOSED TO MOISTURE OR IN MASONRY SHALL BE PRESSURE TREATED.

ED IN ACCORDANCE WITH THE CURRENT EDITIONS OF "DESIGN SPECIFICATIONS FOR RUSSES" BY TRUSS PLATE INSTITUTE (TPI) AND "NATIONAL DESIGN SPECIFICATIONS ITS FASTENINGS" BY NATIONAL FOREST PRODUCTS ASSOCIATION.

D FOR THE FOLLOWING LOADS: 10 PSF OR SNOW 20 PSF 10 PSF

10 PSF ABOVE THE TRUSSES SHALL BE DESIGNED FOR ANY SNOW DRIFTING. MECHANICAL. IONS AS SHOWN ON STRUCTURAL PLANS AND AS REQUIRED BY THE

KIMUM LIVE LOAD DEFLECTION OF L/240.

, AND ERECTION SHALL BE IN ACCORDANCE WITH "TRUSS PLATE INSTITUTE" HALL BE DONE IN A WORKMAN LIKE MANNER SO AS TO NOT DAMAGE THE TRUSSES. D ONTO, OR ALTERED IN ANY WAY WITH OUT THE WRITTEN CONSENT OF THE ARCHITECT.

SHALL SUBMIT FORMAL STAMPED CALCULATIONS BY A REGISTERED ENGINEER IN /IEW BEFORE FABRICATION.

SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. CONTRACTOR SHALL WINGS BEFORE SUBMITTING TO THE ARCHITECT. ALL INCLUDE THE FOLLOWING INFORMATION:

MBER OF TRUSS SUPPLIER) SPACING

AND METAL CONNECTOR PLATE VALUES FOR CONDITIONS OF USE DIRECTION YPE, SIZE, GAUGE, AND DIMENSIONAL LOCATION OF EACH PLATE GRADE FOR EACH TRUSS MEMBER S FOR TRUSS TO TRUSS GIRDER, TRUSS PLY TO PLY, AND FIELD SPLICES ATIO AND/OR MAXIMUM DEFLECTION FOR LIVE AND TOTAL LOADS ISS CONNECTIONS AND HANGERS MANENT TRUSS BRACING REQUIRED BY DESIGN

RALL ERECTION PROCEDURES AND TEMPORARY TRUSS BRACE REQUIREMENTS E WITH TPI'S COMMENTARY AND RECOMMNENDATIONS FOR HANDLING, INSTALL, CTED WOOD TRUSSES (HIP-91 BOOKLET) AND THE CURRENT EDITION OF ANSI/TPI-1. SHALL BE CONSTRUCTED OF PRESSURE TREATED WOOD AND GALVANIZED METAL

ALL WIND LOADS INCLUDING UPLIFT AS REQUIRED BY THE INTERNATIONAL BUILDING -CODE INSERTS. MINIMUM NET UPLIFT = 10 PSF.

S ARE TO BE DESIGNED, DETAILED, AND SUPPLIED BY THE TRUSS SUPPLIER.

ERIFY ALL SPAN DIMENSION BEFORE FABRICATING. NT WITH MECHANICAL DESIGN BUILD CONTRACTOR FOR COORDINATION OF

CRETE IS PROHIBITED UNLESS IT IS EFFECTIVELY COATED OR COVERED. THE PRESENCE OF CHLORIDE IONS, MAY ALSO REACT ELECTROLYTICALLY ALLING OF THE CONCRETE. ALUMINUM ELECTRICAL CONDUITS PRESENT A JRRENT ACCELERATES THE ADVERSE REACTION.

SHEET SIMILAR SNOW LOAD SHORT LEGS BACK TO BACK SLAB-ON-GRADE SPAC(ES)(ED)(ING) SPECIFICATION(S) SOUARE STAINLESS STEEL STANDARD

ROOF TOP UNIT

SLIP CRITICAL

SCHEDULE

SHORT WAY

TOP OF FOOTING TOP OF LEDGE TOP OF PIER TOP OF STEEL TOP OF WALL TENSION CONTROL TOP CHORD

THICK (NESS) (ENED)

TOTAL LOAD

WORKING POINT

WELDED WIRE FABRIC

TYPICAL UNLESS NOTED OTHERWISE VERTICAL VERIFY IN FIELD VERIFY WITH ARCHITECT WIND LOAD

LOCATION OVERHANC OVERHAN OVERHANC OVERHANG NOTES: SF = SQUARE FEET

| COMPONENTS AND CLADDING WIND PRESSURES (PSF) | | | | | | | | | | | | |
|--|-------------------|---------|-----------|--------|--------|----------------|--------|----------|-------------------|------|----------|------|
| | | | | | | | | | | | | |
| ZONE | WIND AREA (SF) | 0° T(| о 7° то 2 | |) 27° | 27° 27° TO 45° | | ZONE | WIND AREA (SF) | | | |
| | (-) | (+) | (-) | (+) | (-) | (+) | (-) | | () | (+ | +) | (-) |
| 1 | 10 | 5.9. | 14.6 | 8.4 | 13.3 | 13.3 | 14.6 | 4 | 10 | 14 | l.6 | 15.8 |
| 1 | 20 | 5.6. | 14.2 | 7.7 | 13.0 | 13.0 | 13.8 | 4 | 20 | 13 | 3.9 | 15.1 |
| 1 | 50 | 5.1. | 13.7 | 6.7 | 12.5 | 12.5 | 12.8 | 4 | 50 | 13 | 3.0 | 14.3 |
| 1 | 100 | 4.7. | 13.3 | 5.9 | 12.1 | 12.1 | 12.1 | 4 | 100 | 12 | 2.4 | 13.6 |
| 2 | 10 | 5.9. | 24.4 | 8.4 | 23.2 | 13.3 | 17.0 | 5 | 10 | 14 | l.6 | 19.5 |
| 2 | 20 | 5.6 | 21.8 | 7.7 | 21.4 | 13.0 | 16.3 | 5 | 20 | 13 | 3.9 | 18.2 |
| 2 | 50 | 5.1 | 18.4 | 6.7 | 18.9 | 12.5 | 15.3 | 5 | 50 | 13 | 3.0 | 16.5 |
| 2 | 100 | 4.7 | 15.8 | 5.9 | 17.0 | 12.1 | 14.6 | 5 | 100 | 12 | 2.4 | 15.1 |
| 3 | 10 | 5.9. | 36.8 | 8.4 | 34.3 | 13.3 | 17.0 | | ADJUSTMENT F | | FACTOR | |
| 3 | 20 | 5.6 | 30.5 | 7.7 | 32.1 | 13.0 | 16.3 | MEAN | | EXPO | EXPOSURE | |
| 3 | 50 | 5.1 | 22.1 | 6.7 | 29.1 | 12.5 | 15.3 | HEIGHT (| FT) B | | C | |
| 3 | 100 | 4.7 | 15.8 | 5.9 | 26.9 | 12.1 | 14.6 | 15 | 1.00 |) | | 1.21 |
| | | חסבפפוו | | | | | | 20 | 1.00 |) | | 1.29 |
| | (-) WINL | FRESSU | | | HANGS | | | 25 | 1.00 |) | | 1.35 |
| | WIND | | | ROOF | SLOPE | | | 30 | 1.00 |) | | 1.40 |
| LUCATION | AREA (SF) | 0° T(| О 7° | 7° T(|) 27° | 27° T | O 45° | 35 | 1.05 | 5 | | 1.45 |
| | | ZONE 2 | ZONE 3 | ZONE 2 | ZONE 3 | ZONE 2 | ZONE 3 | 40 | 1.09 |) | | 1.49 |
| OVERHANG | 10 | 21.0 | 34.6 | 27.2 | 45.7 | 24.7 | 24.7 | 45 | 1.12 | 2 | | 1.53 |
| OVERHANG | 20 | 20.6 | 27.1 | 27.2 | 41.2 | 24.0 | 24.0 | 50 | 1.16 | 6 | | 1.56 |
| VERHANG | 50 | 20.1 | 17.3 | 27.2 | 35.3 | 23.0 | 23.0 | 55 | 1.19 |) | | 1.59 |
| VERHANG | 100 | 19.8 | 10.0 | 27.2 | 30.9 | 22.2 | 22.2 | 60 | 1.22 | 2 | 1.62 | |

1) BASED ON SIMPLIFIED PROVISIONS FOR ENCLOSED REGULAR-SHAPED BUILDINGS WITH MEAN ROOF HEIGHT LESS THAN OR EQUAL TO 60'-0" (ASCE 7-05) ASSUMING 90 MPH WIND, EXPOSURE B, I=1.0, Kzt = 1.0 AT MEAN ROOF HEIGHT = 30'-0". MULTIPLY TABLE VALUES BY THE TABLES VALUES ABOVE IMMEDIATE RIGHT AT OTHER MEAN ROOF HEIGHTS AND BY IMPORTANCE FACTOR IF OTHER THAN I = 1.0.

2) (+) = POSITIVE (INWARD) PRESSURE. (-) = NEGATIVE (OUTWARD) PRESSURE.

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.

| | | | STEEL COLUMN SCI |
|--------------|-----------------------|------------------------|------------------|
| COLUMN MARK | | C1 | |
| CA | P PLATE | 1/4" FLUSH | |
| COLUMN SIZE | T/COLUMN SEE ARCH. | HSS6x6x5/8 | |
| ANCHOR BOLTS | | (4) 1" w/ 24" EMBED | |
| DE | TAILS, NOTES | BP1 | |
| | | | |

COLUMN SCHEDULE NOTES:

1. SEE PLAN FOR COLUMN AND BASE PLATE MARKS

| BASE PLATE SCHEDULE | | | | | | | | | | | |
|---------------------|------------------|-------------|------|--------|------------|--------|--------|---------|--|--|--|
| MARK | PLATE SIZE | ANCHOR RODS | TYPE | | DIMENSIONS | | | REMARKS | | | |
| | | | | А | В | С | D | | | | |
| BP1 | 2 1/4"x14"x1'-2" | (4)1"Ø | Ш | 5 1/2" | 1 1/2" | 5 1/2" | 1 1/2" | | | | |
| | | | | | | | | | | | |

_ ____

BASE PLATE NOTES: 1) FASTEN STEEL COLUMN TO TOP OF CONCRETE USING (4) F1554 36 ANCHOR RODS OF SIZE INDICATED WITH DOUBLE NUTS AT COLUMN BASE PLATE, AND 2" GROUT AT 1"Ø ANCHOR RODS, SET ANCHOR RODS WITH 6" PROJECTION. BASE PLATE TYPES: WF COLUMN ╲ ---++—<u></u>↓ ≥ _____ _____ _____ - ___ - ____ **/**≮'_{'B'} WF COLUMN, SQUARE OR ROUND HSS SHAPE 'A' TYPF - |_o__ _ <u>'___</u> _o_+ WF COLUMN, SQUARE OR ROUND HSS SHAPE ∕_'B' ′ | 'A' | BP7 TYPE III

| | ISOLATED FOOTING SCHEDULE | IBC 2009 TABLE 2304.9.1 MINIMUM FASTENING SCHEDULE, UNC | <u>)</u> | |
|----------------|--|--|---|--|
| DLUMN SCHEDULE | | SCHEDULE NOTES: | | |
| | ISOLATED FOOTING DIMENSIONS MARK LENGTH WIDTH THICKNESS FOOTING REINFORCEMENT REMARKS | PROVIDE NAILING PER SCHEDULE UNLESS NOTED OTHERWISE ON PLAI COMMON OR BOX NAILS ARE PERMITTED TO BE USED EXCEPT WHERE | NS AND/OR DETAILS CONTAINED IN THIS SET O' OTHERWISE NOTED. | DF DRAWINGS. |
| | F70 7'-0" 18" (7) #6; T, B, EW | CONNECTION TYPE | FASTENING | LOCATION |
| | CONTINUOUS FOOTING SCHEDULE | 1. JOIST TO SILL OR GIRDER. | (3) 8d x 2 1/2" COMMON NAILS | TOENAIL |
| | | 2. BRIDGING TO JOIST. | (2) 8d x 2 1/2" COMMON NAILS | TOENAIL EACH END |
| | MARK WIDTH THICKNESS FOOTING REINFORCEMENT REMARKS W18 1'-8" 12" (2) #5; B, CONT | 3. 1"x6" SUBFLOOR OR LESS TO EACH JOIST. | (2) 8d x 2 1/2" COMMON NAILS | FACE NAIL |
| | NOTES [.] | 4. WIDER THAN 1"x6" SUBFLOOR TO EACH JOIST. | (3) 8d x 2 1/2" COMMON NAILS | FACE NAIL |
| | 1. B = BOTTOM, T = TOP, LW = LONG WAY, SW = SHORT WAY, EW = EACH WAY. | 5. 2" SUBFLOOR TO JOIST OR GIRDER. | (2) 16d x 3 1/2" COMMON NAILS | BLIND & FACE NAIL |
| | 2. ALL REINFORCEMENT BARS TO BE BOTTOM BARS UNLESS NOTED OTHERWISE. | SOLE PLATE TO JOIST OR BLOCKING. SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL. | 16d x 3 1/2" NAILS AT 16" OC (3) 16d x 3 1/2" NAILS AT 16" OC | TYPICAL FACE NAIL BRACED WALL PANELS |
| | | 7. TOP PLATE TO STUD. | (2) 16d x 3 1/2" COMMON NAILS | END NAIL |
| | WOOD HEADER SCHEDULE | 8. STUD TO SOLE PLATE. | (4) 8d x 2 1/2" COMMON NAILS (2) 16d x 3 1/2" COMMON NAILS | TOENAIL END NAIL |
| | MARK HEADER SIZE (EACH SIDE) REMARKS | 9. DOUBLE STUDS. | 16d x 3 1/2" NAILS AT 24" OC | FACE NAIL |
| | H1 (2) 2×10 (2) | 10. DOUBLE TOP PLATES. DOUBLE TOP PLATES. | 16d x 3 1/2" NAILS AT 16" OC (8) 16d x 3 1/2" COMMON NAILS | TYPICAL FACE NAIL LAP SPLICE |
| | H2 (2) 1 3/4x9 1/4 LVL (2) | 11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE. | (3) 8d x 2 1/2" COMMON NAILS | TOENAIL |
| | H3 (3) 1 3/4x11 1/4 LVL (3) | 12. RIM JOIST TO TOP PLATE. | 8d x 2 1/2" NAILS AT 6" OC | TOENAIL |
| | H4 (3) + 3/4x14 EVE (3) WF (@ LAST END OF BEDG H5 (2) 1 3/4x7.25 LVL N/A SEE DETAIL 10/S810 | 13. TOP PLATES, LAPS & INTERSECTIONS. | (2) 16d x 3 1/2" COMMON NAILS | FACE NAIL |
| | | 14. CONTINUOUS HEADER, TWO PIECES. | 16d x 3 1/2" COMMON NAILS | 16" o/c ALONG EDGE |
| | 1. SEE TYPICAL DETAILS FOR HEADER FRAMING INFORMATION. | 15. CEILING JOISTS TO PLATE. | (3) 8d x 2 1/2" COMMON NAILS | TOENAIL |
| | PROPERTIES MAY BE SUBSTITUTED FOR SIZES LISTED ABOVE PROVIDED IT DOES NOT CHANGE THE STRUCTURAL OR ARCHITECTURAL DESIGN INTENT | 16. CONTINUOUS HEADER TO STUD. | (4) 8d x 2 1/2" COMMON NAILS | TOENAIL |
| | SHOULDER STUDS TO BE OF SAME SPECIES AND GRADE AS BEARING WALLS UNLESS NOTED OTHERWISE. | 17. CEILING JOIST, LAPS OVER PARTITIONS. (REFER TO SECTION 2308.10.4.1, TABLE 2308.10.4.1) | (3) 16d x 3 1/2" COMMON NAILS MINIMUM REFER TO TABLE 2308.10.4.1 | FACE NAIL |
| | PLY TO PLY CONNECTION (FROM EA FACE) = (3) ROWS 10d NAILS AT 12" OC. PROVIDE 2x TOP PLATE ON ALL HEADERS. | 18. CEILING JOISTS TO PARALLEL RAFTERS. (REFER TO SECTION 2308.10.4.1, TABLE 2308.10.4.1) | (3) 16d x 3 1/2" COMMON NAILS MINIMUM REFER TO TABLE 2308.10.4.1 | |
| REMARKS | PROVIDE FULL HEIGHT SPF KING STUDS (GRADE PER WALL TYPE) ADJACENT TO EACH HEADER LOCATION ACCORING TO THE FOLLOWING: | 19. RAFTER TO PLATE. (REFER TO SECTION 2308.10.1, TABLE 2308.10.1) | (3) 8d x 2 1/2" COMMON NAILS | TOENAIL |
| | OPENINGS < 4'-0" (1) STUD 4'-0" < OPENING < 8'-0" (2) STUDS | 20. 1" DIAGONAL BRACE TO EACH STUD AND PLATE. | (2) 8d x 2 1/2" COMMON NAILS | FACE NAIL |
| | 8'-0" < OPENING < 15'-0" (3) STUDS 7. WHERE HEADER DOES NOT END UP BEING AS WIDE AS THE WALL THAT IT SUPPORTS, OR IN OUR DOES NOT END UP BEING AS THE WALL THAT IT SUPPORTS, OR | 21. 1"x8" SHEATHING TO EACH BEARING. | (3) 8d x 2 1/2" COMMON NAILS | FACE NAIL |
| | IS SUPPORTED UPON, BUILD THE HEADER UP WITH PLYWOOD TO MATCH THE THICKNESS OF THE WALL. | 22. WIDER THAN 1"x8" SHEATHING TO EACH BEARING. | (3) 8d x 2 1/2" COMMON NAILS | FACE NAIL |
| | NAILING PATTERN FOR MOLTIFLE PIECE HEADERS, USE MINIMUM OF (2) ROWS OF 160 NAILS AT 12" OC.USE (3) ROWS OF 16d AT 12" OC FOR 14", 16" AND 18 LVL HEADERS. INDIVIDUAL PLIES SHALL BE CONTINUOUS OVER ENTIRE LENGTH OF HEADER | 23. BUILT-UP CORNER STUDS. | 16d x 3 1/2" COMMON NAILS | 24" OC |
| | | 24. BUILT-UP GIRDER & BEAMS. | 20d x 4" COMMON NAILS AT 32" OC (2) 20d x 4" COMMON NAILS | FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSTIE SIDES FACE NAIL AT ENDS AND AT FACH SPLICE |
| | FLOOR LOCATION SIZE/SPACING SPECIES/GRADE TOP PLATES BOTTOM PLATES Eb (nsi) Ec (nsi) E (ksi) | 25. 2" DI ANIKS | | |
| | CLUBHOUSE EXTERIOR WALLS 2x6 @ 16" OC SPF STUD (2) 2x6 DFL No.2 (1) 2x6 LSL 675 725 1200 | | | |
| | AND WELCOME | 27. JACK RAFTER TO HIP. | (3) 10d x 3" COMMON NAILS | TOENAIL |
| | CENTER | 28. ROOF RAFTER TO 2x RIDGE BEAM. | (2) 16d x 3 1/2" COMMON NAILS (2) 16d x 3 1/2" COMMON NAILS | FACE NAIL TOENAIL |
| | WOOD STUD BEARING WALL SCHEDULE NOTES | 29 JOIST TO BAND JOIST | (2) 16d x 3 1/2" COMMON NAILS (3) 16d x 3 1/2" COMMON NAILS | FACE NAIL FACE NAII |
| | TEMPORARY BRACING SHALL BE PROVIDED AND REMAIN IN PLACE UNTIL BUILDING IS COMPLETELY SHEATHED AND LATERAL LOAD RESISTING SYSTEMS (SHEAR WALL, ETC.) ARE IN PLACE. | | (3) 16d x 3 1/2" COMMON NAILS | |
| N Ē | LUMBER SHALL NOT BE STORED IN STANDING WATER AND INSTALLED LUMBER THAT HAS BEEN EXPOSED TO THE ELEMENTS SHALL BE DRIED SUFFICIENTLY BEFORE INTERIOR OR EXTERIOR FINISHES ARE APPLIED TO AVOID | 31. STRUCTURAL WOOD PANELS & PARTICLEBOARD. | 6d x 2" COMMON NAILS | 1/2" AND LESS |
| | CRACKING/CRUSHING. 3. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND SUPPLYING APPROPRIATE TEMPORARY BRACING OF THE STRUCTURE TO RESIST WIND AND SEISMIC LOADS UNTIL THE PERMANENT LATERAL LOAD RESISTING | SUBFLOOR, ROOF & WALL SHEATHING (TO FRAMING). | 8d x 2 1/2" OR 6d x 2" COMMON NAILS 8d x 2 1/2" COMMON NAILS 10d x 3" OR 8d x 2 1/2" COMMON NAILS | 19/32" TO 3/4" 7/8" TO 1" 1 1/8" TO 1 1/4" |
| | SYSTEMS ARE IN PLACE. 4. ALL NON-LOAD BEARING WALLS SHALL BE 2x4 STUDS AT 16" OC MIN, SPF STUD GRADE. 5. ALL WOOD PLATES BEARING DIRECTLY ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED DFL OR LSL. 6. DROVIDE CONTINUOUS HORIZONTAL REOCKING AT MID HEIGHT OF FIRST FLOOR AND SECOND FLOOR INTERIOR | SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING). | 6d x 2" COMMON NAILS 8d x 2 1/2" COMMON NAILS 10d x 3" OR 8d x 2 1/2" COMMON NAILS | 3/4" AND LESS 7/8" TO 1" 1 1/8" TO 1 1/4" |
| | UNIT LOAD BEARING WALLS USING MEMBERS OF 2: NOMINAL THICKNESS AND OF SAME WIDTH AS WALL. | 32. PANEL SIDING TO FRAMING. | 6d x 2" COMMON NAILS | 1/2" AND LESS |
| Β' | 3/8" OF EXPECTED WOOD SHRINKAGE PER FLOOR OF WOOD CONSTRUCTION. | 33. FIBERBOARD SHEATHING. | 6d x 2 1/2" COMMON NAILS | 5/0 1/2" AND LESS |
| | | 34. INTERIOR PANELING. | 4d x 1 1/2" COMMON NAILS | 20102 1/4" 2/8" |
| | | | | 5/0 |

| SHEAR WALL SCHEDULE | | | | | | | | | | |
|-----------------------------------|---|---------------------------|-------------------------|--|--|----------|---|---|---------|--|
| MARK | SHEATHING | SHEATHING ATTACHMENT | WALL FACE ATTACHMENT | BOTTOM PLATE ATTACHMENT | VERTICAL STUDS AT END OF SHEAR WALL | BLOCKING | HOLD-DOWN CONNECTOR AT END OF SHEAR WALL | BLOCKING/RIM ATTACHMENT | REMARKS | |
| SW1 | 7/16" APA STRUCTURAL 1 SHEATHING | 8d COMMON NAILS AT 6"/12" | EXTERIOR FACE | 1/2" DIA SIMPSON TITEN HD AT 4'-0" OC MAX (4 1/8" EMBED). | (2) 2x | YES | SIMPSON HDU5-SDS2.5 CONNECTOR W/(14) SDS 1/4"x2 1/2" SCREWS INTO END POST AND (1) 5/8" SIMPSON STRONG TIE TITEN HD INTO CONCRETE (6" MIN EMBED). | 10d TOE NAILS AT 7" OC AND SIMPSON LTP4 AT 3'-0" OC. INSTALL THROUGH SHEATHING INTO RIM BOARD AND TOP PLATE OF WALL | | |
| <u>SC</u> 1. 2. 3. 4. | SCHEDULE NOTES: 7. 10d NAILS TO HAVE MINIMUM PENETRATION INTO FRAMING MEMBER OF 1 1/2". 1. REFER TO STANDARD DETAILS FOR TYPICAL WOOD SHEAR WALL CONSTRUCTION. 7. 10d NAILS TO HAVE MINIMUM PENETRATION INTO FRAMING MEMBER OF 1 1/2". 2. REFER TO WOOD STUD BEARING WALL SCHEDULE FOR VERTICAL WALL STUD DESIGNATION AND SPACING. 8. 8'/12" SPACING CALL OUT REFERS TO EDGE SPACING/FIELD SPACING, RESPECTIVELY. 3. SHEAR WALL SHEATHING SHALL BE ORIGINENTED WITH THE LONG DIMENSION PERPENDICULAR TO THE WALL STUDS. 9. IF NO SLASH SPACING PROVIDED, SPACING GRALE DE DORE GRAD FIELD. 4. ALL NALS TO BE COMMON ANALS OR GALVANIZED BOX NAILS. GUN NAILS OF EQUIVALENT SIZES MAY BE USED. GUN NAILS 10. TYPE S OR TYPE W ORYWALL SOFTEW ORYMALL SOFTEW ORYMONE SOFTEW ORYMONE DESPENDICULAR TO THE WALL STUDE. 5. HALL HAVE FULL ROUND HEADS. 11. ANCHORS IN CONTACT WITH PRESERVATIVE-TREATED WOOD OR EXPOSED TO WEATHER SHALL BE MECHANICALLY OR HOT-DIPPED GALVANIZED. | | | | | | | | | |
| 5. 6. | 5. BLOCKING IS REQ'D BEHIND ALL APA RATED WOOD SHEATHING. FLAT 2x BLOCKING MAY BE USED FOR 8d NAILS ONLY. 12. END JOINTS OF GYPSUM SHEATHING PLACED PERPENDICULAR TO STUDS SHALL NOT OCCUR OVER THE SAME STUD. IT IS ACCEPTABLE AT ENDS 13. OF SHEAR WALLS (STAGGER JOINTS AS PRESCRIBED BY RATED CONSTRUCTION). | | | | | | | | | |

13. ATTACH END STUDS TOGETHER W/(2) ROWS 10d NAILS AT 8" OC AT LOWEST LEVEL. (2) ROWS AT 12" OC ELSEWHERE.

| | CONCRETE PIER SCHEDULE | | | | | | | | | | |
|------|------------------------|---------|-----------|---------------|-------------------|-------------------|--|--|--|--|--|
| MARK | PIER DIM | ENSIONS | PIER TYPE | REINFORCEMENT | | REMARKS | | | | | |
| | Х | Y | | VERTICAL | TIES | | | | | | |
| P1 | 18" | 18" | II | (8) #6 | #3 AT 12" O.C. | SEE DETAIL 7/S800 | | | | | |
| P2 | 36" | 18" | IV | (12) #6 | #3 AT 12" O.C. | SEE DETAIL 7/S800 | | | | | |
| | | | | | | | | | | | |

 NOTES:

 1.
 REFERENCE DETAIL 7/S800 FOR TYPICAL PIER INFORMATION.

 2.
 PIER TYPES:

S100 SCALE: 1/4" = 1'-0"

- FINISH SLAB ELEVATION = 100'-0". LOCAL DATUM UNLESS NOTED OTHERWISE. TOP OF FOOTING ELEVATION = 95'-4" UNLESS NOTED OTHERWISE. 2. SLAB-ON-GRADE TO BE 4" THICK w/ 6x6 W2.4xW2.4 WWF ON 10 MIL VAPOR BARRIER OVER 5" COARSE STONE BASE UNLESS NOTED OTHERWISE.
- 3. TYPICAL WHERE SLAB-ON-GRADE ABUTS WALL OR COLUMN, PROVIDE 1/4" x (SOG THICKNESS) ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION. SEE ARCH. FOR POSITIVE TERMINATION OF VAPOR BARRIER 4. CONTROL JOINTS (2/S800) SHOWN ON PLAN ARE APPROXIMATE LOCATIONS. VERIFY
- LOCATIONS WITH ARCHITECT. MAX SPACING IS 12'-0" O.C.

FOUNDATION PLAN NOTES

5. TYPICAL DETAILS THAT APPLY TO PLAN INCLUDE: 4/S800 STOOP DETAIL 2/S800 SLAB-ON-GRADE JOINT DETAIL

3/S800 CORNER REINFORCEMENT DETAIL

FOUNDATION KEY NOTES

- (1) HOLD DOWN LOCATION. COORDINATE w/ S200.
- (2) #4 x 18" @ RE-ENTRANT CORNERS

ARCHITECTURE ENGINEERING INTERIOR DESIGN HSR ASSOCIATES INC. 100 MILWAUKEE STREET LA CROSSE, WISCONSIN PHONE: 608.784.1830 FAX: 608.782.5844 WEB SITE: www.hsrassociates.com Consultant: R.A. Smith National Beyond Surveying and Engineering www.rasmithnational.com project number: 1140393 Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items. TS MEN. С IMPR S R Ζ (7 \square С 1130 Cope La Crosse FOUNI CO HSR Project Number: 14051 Project Date: 9/1/2016 Drawn By: Author Key Plan: Revisions: ' No. Description Date Graphic Scale: VARIES Last Update: 9/1/2016 12:27:37 PM **S100**

1 ROOF FRAMING PLAN S200 SCALE: 1/4" = 1'-0"

ROOF FRAMING PLAN NOTES

- 1. TYPICAL ROOF CONSTRUCTION: 5/8" APA RATED WOOD ROOF SHEATHING (PLYWOOD OR OSB) PROVIDED IN NOMINAL 4x8 SHEETS WITH THE LONG DIMENSION OF THE SHEETS LAID PERPENDICULAR TO THE ROOF TRUSSES. ATTACH SHEATHING TO ROOF TRUSSES w/ 10d NAILS AT 6" O.C. MIN. EDGE DISTANCE FOR NAILS IS 3/8" FROM PANEL EDGE. PROVIDE WOOD SHEATHING CLIPS WHERE SHEATHING EDGES ABUT BETWEEN ROOF TRUSSES. STAGGER ALL ROOF SHEATHING JOINTS. REFER TO STANDARD DETAILS FOR ROOF SHEATHING ATTACHMENT.
- 2. Hx INDICATES WOOD HEADER CONSTRUCTION. SEE WOOD HEADER SCHEDULE FOR HEADER DESIGNATION.
- SWx INDICATES WOOD SHEAR WALL. SEE WOOD SHEAR WALL SCHEDULE FOR SHEATHING ATTACHMENT TO SHEAR WALL AND ATTACHMENT TO FOUNDATION WALL.
- 4. ALL EXTERIOR WOOD STUD WALLS SHALL HAVE (1) LAYER OF 7/16" STRUCTURAL 1 APA RATED SHEATHING (PLYWOOD OR OSB) ON THE EXTERIOR WALL FACE. SEE STANDARD DETAILS FOR TYPICAL BEARING WALL CONSTRUCTION AND SHEATHING ATTACHMENT. IF WALL IS NOT SPECIFICALLY DESIGNATED AS A SHEAR WALL, ATTACH SHEATHING TO WALL STUDS w/ 10d COMMON NAILS ON 6"/12" PATTERN (EDGES/FIELD). NAILS TO HAVE A MIN PENETRATION INTO FRAMING MEMBER OF 1 1/2".
- TRUSS TYPE A BEARING ELEVATION = 110'-4" TRUSS TYPE B BEARING ELEVATION = 110'-9" (MATCH EXISTING)
- 6. TYPICAL ROOF FRAMING TO BE WOOD ROOF TRUSSES AT 24" O.C.

ROOF FRAMING KEY NOTES

(1) HOLD DOWN LOCATIONS

2 WP1 = 6x6 SOUTHERN PINE STRUCTURAL 1 WOOD POST ATTACHED TO SLAB WITH SIMPSON STRONG TIE ABA66Z BASE. REPLACE EXISTING WOOD POSTS (2 TOTAL). SHORE EXISTING TRUSS PRIOR TO REMOVAL OF EXISTING POSTS. KEEP SHORING IN PLACE TO SUPPORT EXISTING TRUSS DURING CONSTRUCTION, UNTIL NEW POST INSTALLATION IS COMPLETE.

 \mathbf{A}

1-0

여 #4 AT 18" OC ON 문 ALL 4 SIDES OF

STOOP SLAB -

1'-0" MBEC

5" SLAB-ON-GRADE ON

3'-6" UNO ON DRAWINGS

- (1) #5 TOP AND BOTTOM WITH

CORNER BARS AND DOWELS

INTO FOUNDATIO WALL

- MUDSLAB AS REQUIRED

. . . .

AS REQUIRED SO THAT THERMAL BREAK

FALLS UNDER DOOR THRESHOLD (4" MIN)

- FOUNDATION WALL

-

T/WALL

11

 $\overbrace{1}$

S800 SCALE: 3/4" = 1'-0"

ARCHITECTURE ENGINEERING INTERIOR DESIGN HSR ASSOCIATES INC. 100 MILWAUKEE STREET LA CROSSE, WISCONSIN PHONE: 608.784.1830 FAX: 608.782.5844 WEB SITE: www.hsrassociates.com Consultant: R.A. Smith National Beyond Surveying and Engineering www.rasmithnational.com project number: 1140393 Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items. S MEN 0 S S R Σ G C 2 \square O C. \square N 00 1130 La Cr **FO** HSR Project Number: 14051 Project Date: 9/1/2016 Drawn By: Author Key Plan: Revisions: Description Date Graphic Scale: VARIES Last Update: 9/1/2016 12:27:37 PM **S800**

ARCHITECTURE ENGINEERING INTERIOR DESIGN HSR ASSOCIATES INC. **100 MILWAUKEE STREET** LA CROSSE, WISCONSIN PHONE: 608.784.1830 FAX: 608.782.5844 WEB SITE: www.hsrassociates.com Consultant: R.A. Smith National Beyond Surveying and Engineering www.rasmithnational.com project number: 1140393 Contractors are responsible for the means, methods, techniques, sequences and procedures of construction including, but not limited to, temporary supports, shoring, forming to support imposed loads and other similar items. Ś EMEN⁻ E LOGGERS PARK IMPROVE S A Ш О SSE AND 1130 Copeland P La Crosse, WI 54 FRAMING LA CRO COPELA HSR Project Number: 14051 Project Date: 9/1/2016 Drawn By: Author Key Plan: Revisions: Description Date Graphic Scale: VARIES Last Update: 9/1/2016 12:27:38 PM **S810**