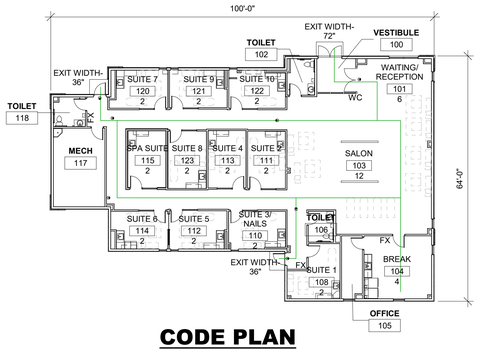
OLYMPIC BUILDERS
HEAVENLY CROSSROADS SALON AND SPA
BERLIN DRIVE
LA CROSSE, WI 54603

21030 **DECEMBER 2021** **CONSTRUCTION DOCUMENTS**

INDEX OF DRAWINGS

PROJECT TEAM

PROJECT MANAGER:	**DOUG RAMSEY**
JOB CAPTAIN:	**MIKE LORENS**
CIVIL ENGINEER:	**Paragon Associates, Inc.** **632 Copeland Ave** **La Crosse, Wi 54603** **608-781-3110** **Jeff Moorhouse** **jeffm@paragon-assoc.biz**
STRUCTURAL ENGINEER:	**RA Smith National, Inc.** **5250 E Terrace Dr, Ste 108** **Madison, Wi 53718-8345** **608-421-5316** **James Lillion, P.E.** **James.Lillion@rasmith.com**



CODE PLAN

CODE DATA: IBC 2015 WITH WISCONSIN AMENDMENTS

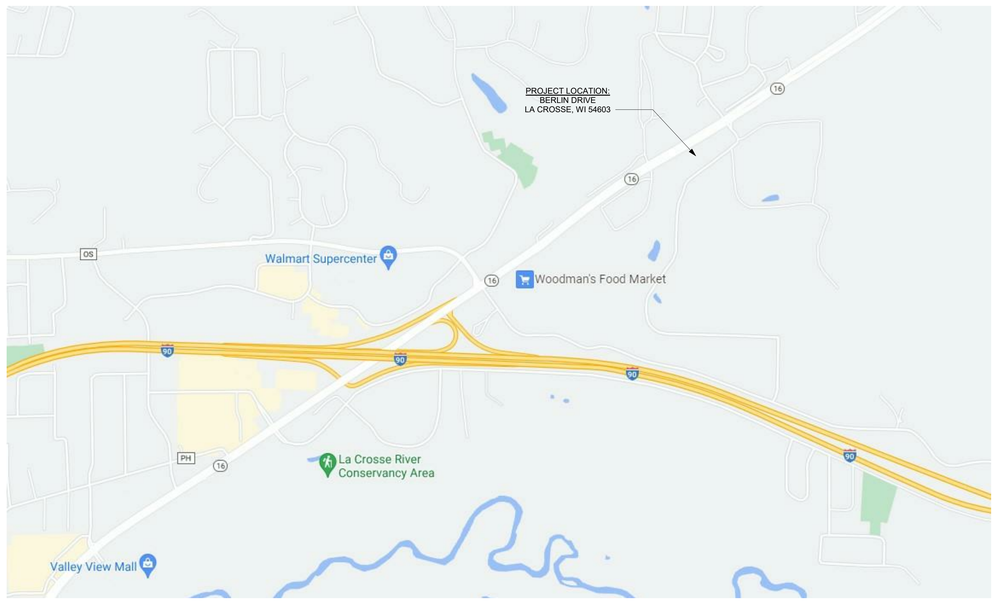
TYPE:	SALON AND SPA
BUILDING OCCUPANCY:	B- BUSINESS
TYPE OF CONSTRUCTION:	TYPE IIB
ALLOWABLE AREA/ NO. OF STORIES:	23,000 SQ. FT. / 1 STORY
BUILDING AREA :	5,454 SQ. FT.
FIRE RESISTIVE RATINGS:	PRIMARY STRUCTURAL FRAME = 0HR BEARING WALLS EXT./ INT. = 0HR NON BEARING WALLS EXT./ INT. = 0HR FLOOR/ ROOF CONSTRUCTION = 0HR
SPRINKLER:	NONE
EXIT DISTANCE:	150'-0"
AGGREGATE EXIT WIDTH:	144"
OCCUPANCY LOAD:	55

PLUMBING FIXTURES:
TABLE 2902.1

# OF OCC.	WATER CLOSET		LAVATORIES		DRINKING FOUNTAINS		NOTES:
	REQ.	PROV.	REQ.	PROV.	REQ.	PROV.	
55	3	3	2	3	1	1	-WATER COOLER PROVIDED IN RECEPTION

CODE DATA LEGEND:

- PATH OF TRAVEL
- FX — FIRE EXTINGUISHER
- WC — WATER COOLER
- EXIT LIGHT
- ROOM — ROOM NAME
- 100 — ROOM NUMBER
- 2 — ROOM OCCUPANCY



CITY MAP

SITE LOCATION MAP

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:
Olympic Builders
General Contractors, INC.

Project Title: OLYMPIC BUILDERS
HEAVENLY CROSSROADS SALON

Project Location: BERLIN DRIVE
LA CROSSE, WI 54603

Sheet Title: COVER SHEET

HSR Project Number: 21030

Project Date: DECEMBER 2021

Drawn By: MPL

Key Plan:

CONSTRUCTION DOCUMENTS

Revisions:

No.	Description	Date

Graphic Scale: VARIES

Last Update: 2/21/2022 1:58:39 PM

A000

NOTES

-THE UNDERGROUND LOCATION OF PUBLIC UTILITIES WERE MARKED BY REPRESENTATIVES OF THOSE COMPANIES. THE LOCATION OF CLIENT OWNED UNDERGROUND UTILITIES WERE NOT MARKED. THE LOCATION OF EXISTING UTILITIES, BOTH UNDERGROUND AND OVERHEAD, ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE REPRESENTATIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THESE PLANS OR NOT, BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGE WHICH MIGHT BE CAUSED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE ALL UTILITIES. THERE MAY BE MORE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
CALL DIGGERS HOT LINE (800) 242-8511

DESCRIPTION

LOT 4 OF THE LA CROSSE INTERNATIONAL BUSINESS PARK, THE CITY OF LA CROSSE, LA CROSSE COUNTY, WISCONSIN.

LEGEND

- FOUND 1" IRON PIPE (UNLESS NOTED)
- ( ) RECORDED AS BEARINGS AND/OR DISTANCES
- $X_{100.00}$ SPOT ELEVATION
- IB IRON BAR
- IP IRON PIPE
- I.E. INVERT ELEVATION
- RCP ROUND CONCRETE PIPE
- TNH TOP NUT HYDRANT
- PLATTED OR RIGHT OF WAY LINES
- UTILITY EASEMENT
- SANITARY SEWER MANHOLE
- SAN SANITARY SEWER LINE
- STORM SEWER MANHOLE
- STM STORM SEWER LINE
- CATCH BASIN
- CURB INLET
- W WATER LINE
- HYDRANT
- WATER MANHOLE
- WATER VALVE
- CURB STOP
- UTILITY PEDESTAL
- FO UNDERGROUND FIBER OPTIC
- UGG UNDERGROUND GAS
- UGE UNDERGROUND ELECTRIC
- UGT UNDERGROUND TELEPHONE
- TV UNDERGROUND TELEVISION
- OE OVERHEAD UTILITY LINES
- LIGHT POLE
- UTILITY POLE
- UTILITY POLE W/GUY WIRE

REVISIONS	DATE

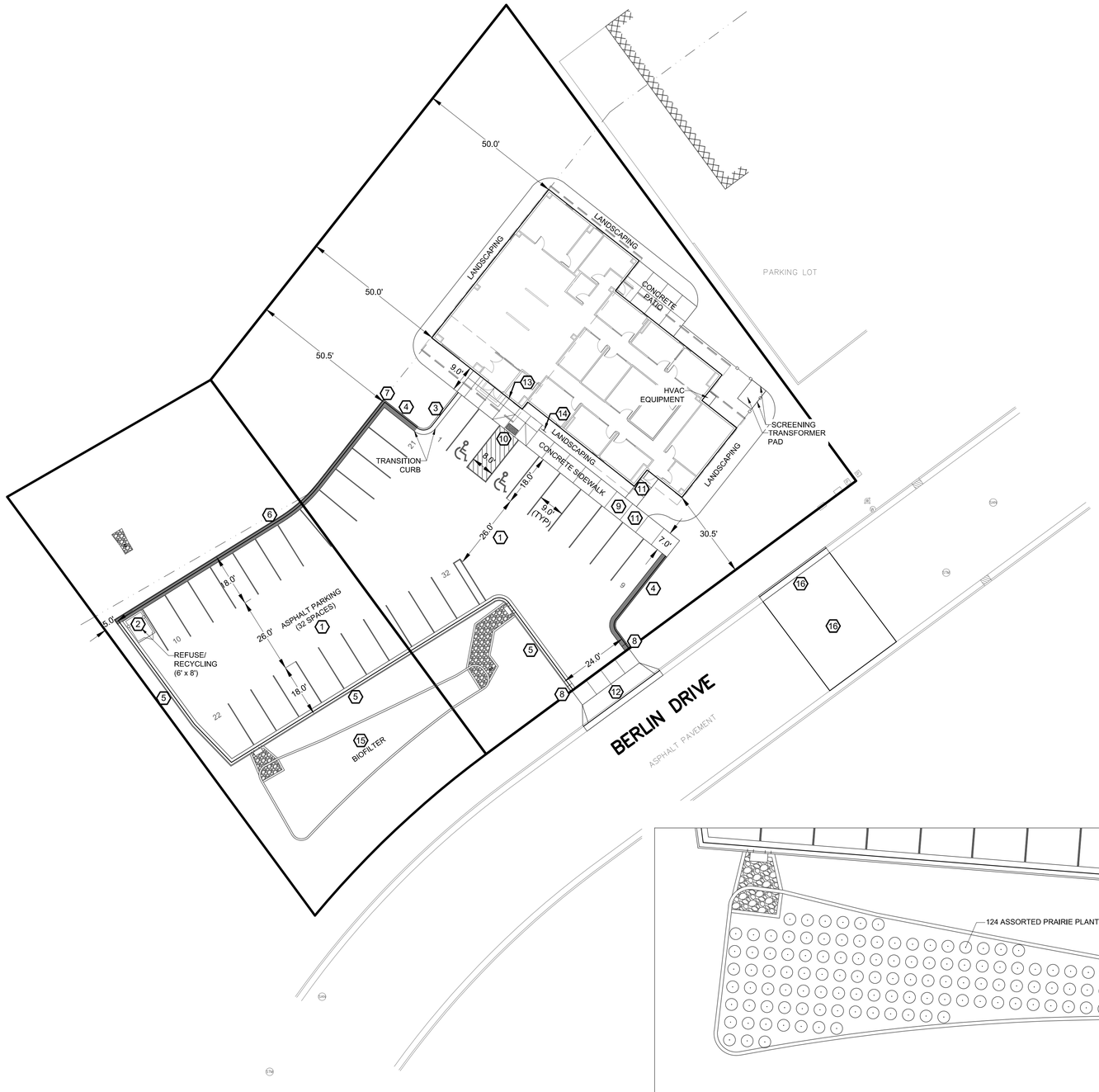
PARAGON ASSOCIATES
Environmental Design & Consulting
CIVIL ENGINEERING . LANDSCAPE ARCHITECTURE . SURVEYING
632 COPELAND AVENUE . LA CROSSE, WI 54603
Tel.608.781.3110 Fax.608.781.3197 Paragon-Assoc.biz

PREPARED FOR:
OLYMPIC BUILDERS

HEAVENLY CROSSROADS SPA
LA CROSSE INTERNATIONAL BUSINESS PARK LOT 4
LA CROSSE, WISCONSIN
BOUNDARY AND TOPOGRAPHIC SITE MAP

DRAWN	C.G.
PROJECT No	21-083
DATE	12/10/21
SCALE	1"=20'
CAD FILE	21-083 Heavenly Crossroads 08
SHEET	C001

10 0 10 20
PLAN SCALE: 1"=20'



A C100 **BIOFILTER PLANTING PLAN**

SITE NOTES

-The location of existing utilities, both underground and overhead are approximate only and have not been independently verified by the owner or its representatives. The contractor shall be responsible for determining the exact location of all existing utilities, whether shown on these plans or not, before commencing work, and shall be fully responsible for any and all damages which might be caused by the contractor's failure to exactly locate and preserve any and all utilities.
CALL DIGGERS HOTLINE (800) 242-8511

-The underground locations of the Public Utilities were marked by representatives of those companies. The locations of the privately owned underground utilities were not marked.

-There may be more underground utility installations within the project area that are not shown.

-It shall be the contractors responsibility to arrange for any necessary inspections by local government that may be required.

-Any and all parties utilizing vertical datum shall always check into at least two (2) benchmarks to avoid mistakes due to hydrant adjustments or transpositional errors. failure to do so will be considered tantamount to gross negligence and subject the offending party to any damages resulting therefrom.

SITE NOTES

1. SEE DETAIL A/C500 FOR ASPHALT PAVEMENT SECTION
2. SEE DETAIL B/C500 FOR CONCRETE PAVEMENT SECTION
3. SEE DETAIL C/C500 FOR TYPICAL 24" CURB AND GUTTER SECTION
4. SEE DETAIL D/C500 FOR 24" CURB AND GUTTER SECTION - REVERSE SLOPE
5. SEE DETAIL E/C500 FOR TYPICAL 24" MOUNTABLE CURB AND GUTTER SECTION
6. SEE DETAIL F/C500 FOR 24" MOUNTABLE CURB AND GUTTER SECTION - REVERSE SLOPE
7. SEE DETAIL G/C500 FOR END SECTION CORNER MOUNTABLE CURB
8. SEE DETAIL H/C500 FOR END SECTION CURB AND GUTTER
9. SEE DETAIL I/C500 FOR INTEGRAL CURB/SIDEWALK SECTION
10. SEE DETAIL J/C500 FOR SIDEWALK RAMP
11. SEE DETAIL K/C500 FOR CONCRETE PAVING AND JOINTING
12. SEE DETAIL L/C500 FOR STANDARD CONCRETE APRON
13. MOUNT DISABLED PARKING SIGN ON BUILDING
14. SEE DETAIL M/C500 FOR DISABLED PARKING SIGN
15. SEE DETAIL A/C100 FOR BIOFILTER PLANTING PLAN AND DETAIL D/C500 FOR BIOFILTER SECTION.
16. REMOVE CURB AND GUTTER/PAVEMENT AS NECESSARY TO INSTALL DRIVEWAY AND UTILITIES. REPLACE CURB AND GUTTER/PAVEMENT TO CITY OF LA CROSSE STANDARDS.

BIOFILTER PLANTING NOTES:

1. VERIFY UTILITY LOCATION BEFORE BEGINNING ANY WORK.

2. PROVIDE BELGIAN WALL AND WEDGE BLOCKS AROUND BIOFILTER. SEE BIOFILTER DETAIL ON C500.

3. MODIFICATIONS TO PLANT SPACING MAY BE ADJUSTED IN THE FIELD BY LANDSCAPE CONTRACTOR. LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF ANY PROPOSED CHANGES TO PLANT MATERIALS OR DESIGN.

4. LANDSCAPE CONTRACTOR SHALL VISIT SITE, INSPECT EXISTING CONDITIONS AND REVIEW PROPOSED PLANTING AND RELATED WORK.

5. THE LANDSCAPE ARCHITECT'S ESTIMATED QUANTITIES ARE SHOWN IN THE MATERIAL LIST-SCHEDULE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. CONTRACTOR SHALL VERIFY QUANTITIES SHOWN ON THE PLAN AND SHALL RELY ON THE SCHEDULED QUANTITIES AT THEIR OWN RISK. THE CONTRACTOR SHALL INCLUDE IN THE BID ALL PLANTINGS SHOWN ON THE DRAWINGS, WHETHER INCLUDED IN THE SCHEDULE OR NOT.

PLANT MATERIAL LIST-SCHEDULE

KEY	BOTANICAL NAME COMMON NAME	SIZE	QUANTITY
Ep	Echinacea purpurea Purple Coneflower	4" pot	25
Mf	Monarda fistulosa Bergamot	4" pot	25
Pv	Panicum virgatum Switchgrass	4" pot	24
Rh	Rudbeckia hirta Black-eyed Susan	4" pot	25
Sh	Sporobolus heterolepis Prairie Dropseed	4" pot	25

10 0 10 20
PLAN SCALE: 1"=20'

REVISIONS	DATE

PARAGON ASSOCIATES
Environmental Design & Consulting
CIVIL ENGINEERING . LANDSCAPE ARCHITECTURE . SURVEYING
632 COPELAND AVENUE . LA CROSSE, WI 54603
Tel.608.781.3110 Fax.608.781.3197 Paragon-Assoc.biz

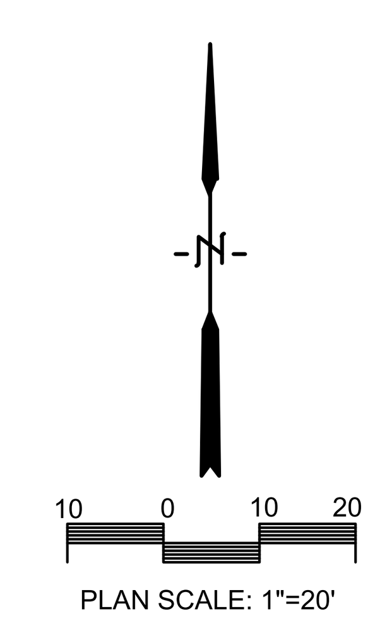
PREPARED FOR:
OLYMPIC BUILDERS

HEAVENLY CROSSROADS SPA
LA CROSSE INTERNATIONAL BUSINESS PARK LOT 4
LA CROSSE, WISCONSIN
SITE PLAN

DRAWN	C.G.
PROJECT No	21-083
DATE	12/10/21
SCALE	1"=20'
CAD FILE	21-083 Heavenly Crossroads 08
SHEET	C100

GRADING NOTES

- CONTOURS SHOWN ARE FOR FINISHED SURFACES, ANY ADJUSTMENT TO SUBGRADE IS THE CONTRACTOR'S RESPONSIBILITY.
- ALL DISTURBED AREAS THAT ARE UNPAVED ARE TO BE LANDSCAPED OR SODDED AS INDICATED ON THE LANDSCAPE PLAN.
- ALL LANDSCAPED OR LAWN AREAS SHALL HAVE A MINIMUM OF 6" OF TOPSOIL.
- SPOT ELEVATIONS SHALL TAKE PRECEDENCE OVER CONTOURS AND SLOPES SHOWN. HOWEVER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF SPOT ELEVATIONS DO NOT APPEAR TO AGREE WITH THE CONTOURS AND SLOPES LABELED. SPOT ELEVATIONS AND SPECIFIC PROFILE INFORMATION SHALL BE USED FOR ESTABLISHING THE ELEVATION OF CURBS, DRIVEWAYS, AND OTHER UTILITIES.
- ALL FINISHED GRADING SHALL PROVIDE FOR A SMOOTH TRANSITION TO UNGRADED AREAS.
- ALL PVC STORM SEWER PIPING SHALL BE MINIMUM SDR 35
- EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION BY PLACING TEMPORARY FENCING AT THE DRIP LINE OF THE TREE CANOPY. IF IMPROVEMENTS NEED TO BE MADE WITHIN THE DRIP LINE, THE FENCE SHALL BE TEMPORARILY REMOVED AND REPLACED IMMEDIATELY FOLLOWING THE COMPLETION OF THE WORK.



PLAN SCALE: 1"=20'

REVISIONS	DATE

PARAGON ASSOCIATES
Environmental Design & Consulting
CIVIL ENGINEERING . LANDSCAPE ARCHITECTURE . SURVEYING
632 COPELAND AVENUE . LA CROSSE, WI 54603
Tel.608.781.3110 Fax.608.781.3197 Paragon-Assoc.biz

PREPARED FOR:
OLYMPIC BUILDERS

HEAVENLY CROSSROADS SPA
LA CROSSE INTERNATIONAL BUSINESS PARK LOT 4
LA CROSSE, WISCONSIN

GRADING PLAN

DRAWN
C.G.

PROJECT No
21-083

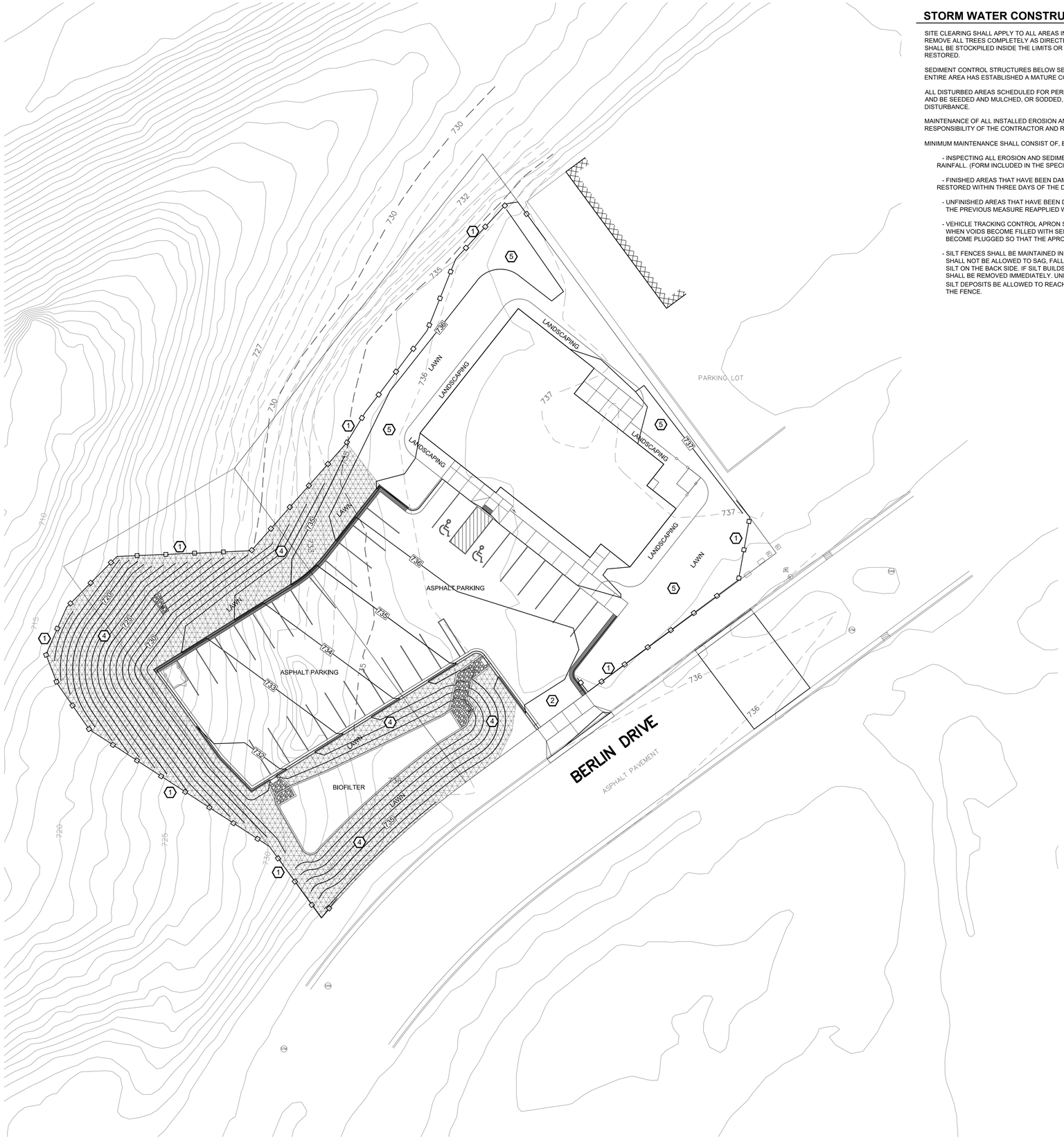
DATE
12/10/21

SCALE
1"=20'

CAD FILE
21-083 Heavenly Crossroads 08

SHEET

C200



PLAN SCALE: 1"=20'

STORM WATER CONSTRUCTION POLLUTION PREVENTION NOTES

SITE CLEARING SHALL APPLY TO ALL AREAS INSIDE LIMITS AS SHOWN ON THE PLANS. REMOVE ALL TREES COMPLETELY AS DIRECTED BY THE OWNER. ANY STRIPPED TOPSOIL SHALL BE STOCKPILED INSIDE THE LIMITS OR PLACED IMMEDIATELY ON SLOPES BEING RESTORED.

SEDIMENT CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION.

ALL DISTURBED AREAS SCHEDULED FOR PERMANENT COVER SHALL HAVE TOPSOIL APPLIED, AND BE SEEDED AND MULCHED, OR SODDED, AS SPECIFIED WITHIN 7 DAYS OF FINAL DISTURBANCE.

MAINTENANCE OF ALL INSTALLED EROSION AND SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REMOVED WHEN NO LONGER NECESSARY.

MINIMUM MAINTENANCE SHALL CONSIST OF, BUT NOT LIMITED TO:

- INSPECTING ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH RAINFALL. (FORM INCLUDED IN THE SPECIFICATIONS)

- FINISHED AREAS THAT HAVE BEEN DAMAGED OR ERODED SHALL BE RESTORED WITHIN THREE DAYS OF THE DAMAGE.

- UNFINISHED AREAS THAT HAVE BEEN DAMAGED OR ERODED SHALL HAVE THE PREVIOUS MEASURE REAPPLIED WITHIN SEVEN DAYS.

- VEHICLE TRACKING CONTROL APRON SHALL BE REMOVED AND REPLACED WHEN VOIDS BECOME FILLED WITH SEDIMENT OR IF SURFACE OPENINGS BECOME PLUGGED SO THAT THE APRON DOES NOT FUNCTION.

- SILT FENCES SHALL BE MAINTAINED IN A FUNCTIONING MANNER. FENCES SHALL NOT BE ALLOWED TO SAG, FALL DOWN, OR BECOME FILLED WITH SILT ON THE BACK SIDE. IF SILT BUILDS UP BEHIND A SILT FENCE, IT SHALL BE REMOVED IMMEDIATELY. UNDER NO CIRCUMSTANCES SHALL SILT DEPOSITS BE ALLOWED TO REACH MORE THAN ½ THE HEIGHT OF THE FENCE.

SILT FENCE SHALL BE PLACED DOWN SLOPE OF ALL SOIL STOCK PILES DURING CONSTRUCTION IF LEFT MORE THAN SEVEN DAYS. STOCK PILES SHALL BE SEEDED AND MULCHED IF LEFT FOR MORE THAN 14 DAYS.

ADDITIONAL EROSION CONTROL FACILITIES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS.

SEDIMENT CONTROL STRUCTURES BELOW LAWN AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING IS IN PLACE. SEDIMENT CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION. SEDIMENT CONTROL STRUCTURES IN PAVED AREAS SHALL REMAIN IN PLACE UNTIL PAVING IS COMPLETE.

SEDIMENT DEPOSITED IN ROADS OR RIGHT OF WAY DITCHES ADJACENT TO THIS SITE AS A RESULT OF THIS WORK SHALL BE REMOVED. VEGETATION SHALL BE ESTABLISHED WHEN SEDIMENT REMOVAL DESTROYS THE EXISTING VEGETATION. THE ESTABLISHMENT OF VEGETATION SHALL BE IN THE SAME MANNER AS SPECIFIED FOR SEEDING SPECIFIED ELSEWHERE ON THIS PLAN.

SEDIMENT CONTROL DURING CONSTRUCTION:

- A SILT FENCE SHALL BE INSTALLED ALONG ALL DOWN SLOPE EARTHWORK.

- ALL MAINTENANCE PROCEDURES OUTLINED ABOVE SHALL APPLY.

SLOPES STEEPER THAN 5:1 SHALL BE PROTECTED WITH EROSION MATTING OR MULCHED WITH STRAW AND COVERED WITH JUTE NETTING.

SWALES SHALL BE PROTECTED WITH EROSION MATTING: SC150 BN BY NORTH AMERICAN GREEN OR EQUAL.

INSTALL DITCH CHECK PER DETAIL DRAWING 50' O.C. IN ALL SWALES, TEMPORARY OR PERMANENT.

PROVIDE CONCRETE WASHOUT AREA PER DETAILS. UNDER NO CIRCUMSTANCES SHALL CONCRETE WASHOUT BE ALLOWED IN ANY OTHER LOCATION ON THE SITE.

NOTES

1. SEE DETAIL A/C301 FOR SILT FENCE INSTALLATION
2. SEE DETAIL B/C301 FOR VEHICLE TRACKING CONTROL
3. SEE DETAIL C/C301 FOR CONCRETE WASHOUT FACILITY
4. EROSION CONTROL MATTING, SHALL BE CURLEX BY AMERICAN EXCELSIOR OR APPROVED EQUAL. INSTALL TO MANUFACTURER'S RECOMMENDATION.
5. ALL DISTURBED LAWN AREAS NOT PROTECTED WITH EROSION CONTROL MATTING SHALL BE SEEDED AND MULCHED OR SODDED, AS DIRECTED BY OWNER.

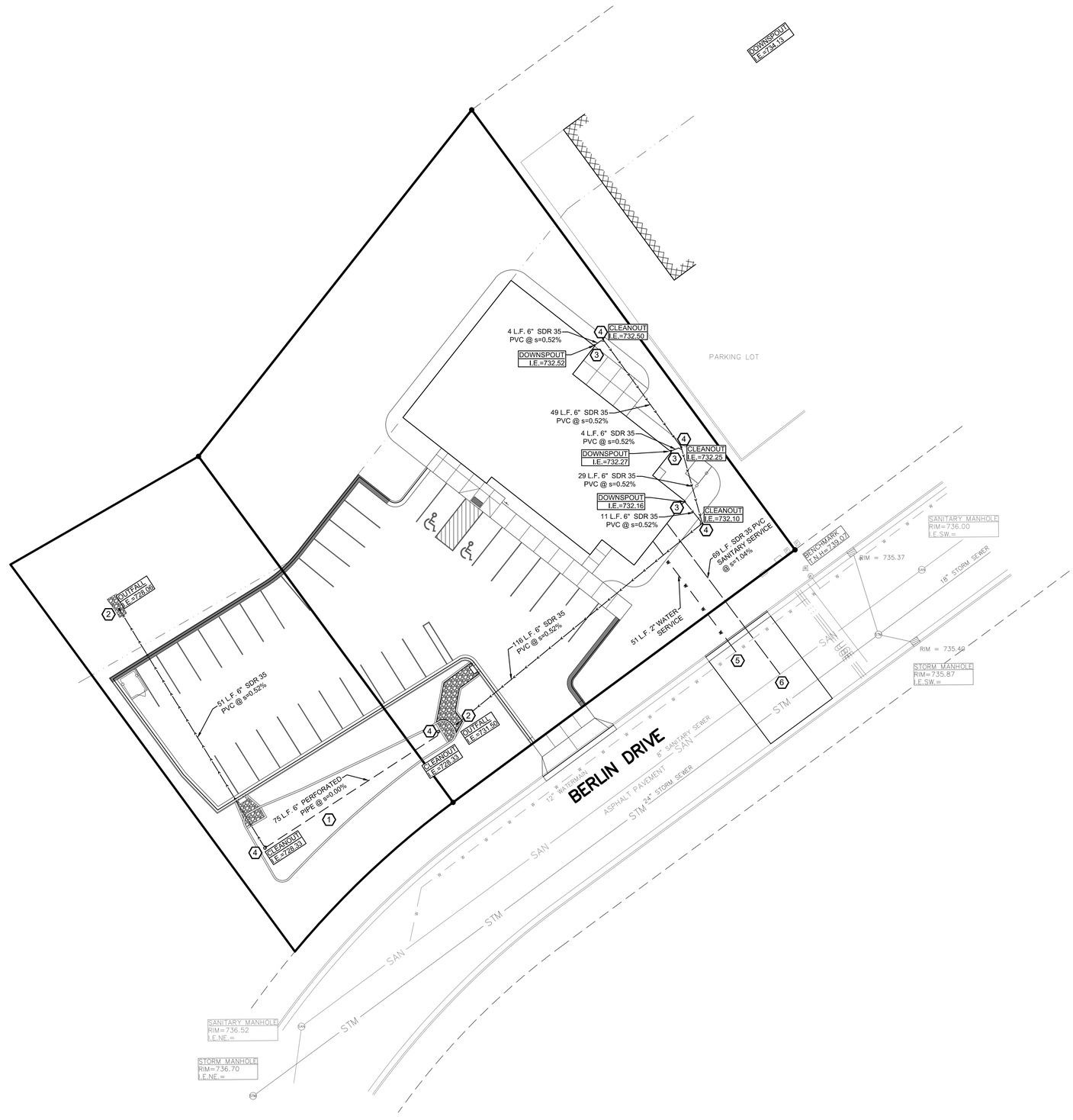
REVISIONS	DATE

PARAGON ASSOCIATES
Environmental Design & Consulting
CIVIL ENGINEERING . LANDSCAPE ARCHITECTURE . SURVEYING
632 COPELAND AVENUE . LA CROSSE, WI 54603
Tel.608.781.3110 Fax.608.781.3197 Paragon-Assoc.biz

PREPARED FOR:
OLYMPIC BUILDERS

HEAVENLY CROSSROADS SPA
LA CROSSE INTERNATIONAL BUSINESS PARK LOT 4
LA CROSSE, WISCONSIN
EROSION CONTROL PLAN

DRAWN	C.G.
PROJECT No	21-083
DATE	12/10/21
SCALE	1"=20'
CAD FILE	21-083 Heavenly Crossroads 08
SHEET	C300



UTILITY NOTES

ALL WATER & SEWER (STORM & SANITARY) CONSTRUCTION SHALL COMPLY WITH THE LATEST EDITION OF "STANDARD SPECIFICATIONS FOR SEWER & WATER IN THE STATE OF WISCONSIN," ALONG WITH THE CITY OF LA CROSSE STANDARD SPECIFICATIONS, AS APPROPRIATE.

ALL WATER & SANITARY LATERALS SHALL HAVE A MINIMUM DEPTH 6' BELOW FINISHED FLOOR ELEVATIONS. THE CONTRACTOR IS THE COORDINATE ACTIVITIES & CONFIRM LOCATION & ELEVATION OF SERVICES WITH THE ENGINEER.

ALL WATER SERVICES ARE 1" COPPER PIPE AND ARE TO INCLUDE A CORPORATION COCK VALVE AT MAIN AND A CURB STOP AT THE LOCATION SHOWN ON THE PLAT.

ALL WATER MAINS SHALL HAVE A MINIMUM OF 7.5' OF COVER.

SUITABLE ON-SITE GRANULAR MATERIAL SHALL BE USED FOR TRENCH BACKFILL TO PROPOSED ELEVATIONS. BACKFILL SHALL BE COMPACTED AS SPECIFIED.

ALL EXISTING INVERTS & LOCATIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION. ALL DISCREPANCIES FROM INFORMATION SHOWN ON THE PLANS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.

CONTRACTOR SHALL IDENTIFY & MARK THE EXACT LOCATIONS OF ALL UNDERGROUND CONNECTIONS TO WATER AND SEWER MAINS, BENDS, CURB BOXES, CLEAN OUTS, ETC. ON THE AS-BUILT PLANS. COPIES OF THESE DOCUMENTS SHALL BE DELIVERED TO THE ENGINEER FOR RECORD.

LOCATION REQUIREMENT: NON-METALLIC SEWER/MAINS AND SERVICES MUST BE PROVIDED WITH TRACE WIRE OR OTHER METHODS IN ORDER TO BE LOCATED.

SHOP DRAWINGS FOR UTILITIES ARE REQUIRED.

ALL SANITARY SERVICES ARE 4" IN DIAMETER.

ALL MANHOLES SHALL BE BUILT WITH ECCENTRIC CONES.

UTILITY NOTES

1. SEE DETAIL D/C501 FOR BIOFILTER SECTION
2. SEE DETAIL F/C501 FOR STORMWATER OUTLET SECTION
3. SEE DETAIL G/C501 FOR DOWNSPOUT
4. SEE DETAIL H/C501 FOR EXTERIOR CLEANOUT
5. SEE DETAIL I/C501 FOR SERVICE SHUT-OFF
6. SEE DETAIL J/C501 FOR SANITARY SEWER CONNECTION

REVISIONS	DATE

PARAGON ASSOCIATES
Environmental Design & Consulting
CIVIL ENGINEERING . LANDSCAPE ARCHITECTURE . SURVEYING
632 COPELAND AVENUE . LA CROSSE, WI 54603
Tel.608.781.3110 Fax.608.781.3197 Paragon-Assoc.biz

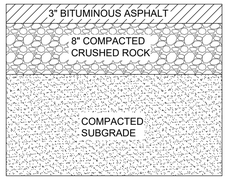
PREPARED FOR:
OLYMPIC BUILDERS

HEAVENLY CROSSROADS SPA
LA CROSSE INTERNATIONAL BUSINESS PARK LOT 4
LA CROSSE, WISCONSIN
GRADING PLAN

DRAWN	C.G.
PROJECT No	21-083
DATE	12/10/21
SCALE	1"=20'
CAD FILE	21-083 Heavenly Crossroads 08
SHEET	C400

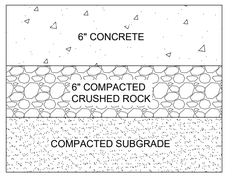
N

10 0 10 20
PLAN SCALE: 1"=20'

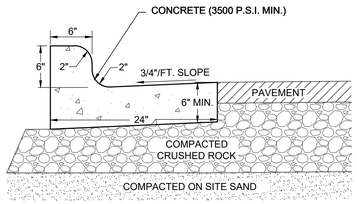


PLACE PAVEMENT USING ONE 1 1/2" SURFACE LIFT OVER ONE 1 1/2" BINDER LIFT.

A C100 ASPHALT PAVEMENT SECTION DETAIL
NO SCALE



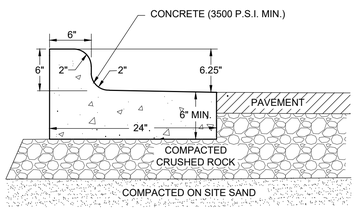
B C100 CONCRETE PAVEMENT SECTION DETAIL
NO SCALE



NOTE: 1 CONTROL JOINTS SHALL CONFORM WITH WISDOT 601.3.6

2 THE BOTTOM OF THE CURB AND GUTTER MAY BE CONSTRUCTED FLAT OR PARALLEL TO THE SLOPE OF THE BASE COURSE PROVIDED A MINIMUM 6" GUTTER THICKNESS IS MAINTAINED

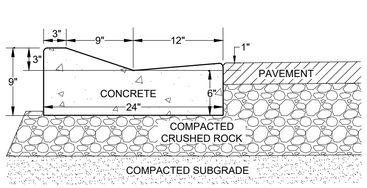
C C100 TYPICAL 24" CURB AND GUTTER SECTION
NO SCALE



NOTE: 1 CONTROL JOINTS SHALL CONFORM WITH WISDOT 601.3.6

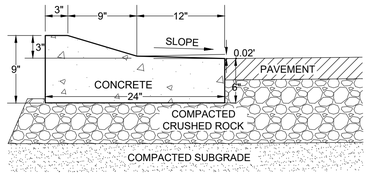
2 THE BOTTOM OF THE CURB AND GUTTER MAY BE CONSTRUCTED FLAT OR PARALLEL TO THE SLOPE OF THE BASE COURSE PROVIDED A MINIMUM 6" GUTTER THICKNESS IS MAINTAINED

D C100 24" CURB AND GUTTER SECTION - REVERSE SLOPE
NO SCALE



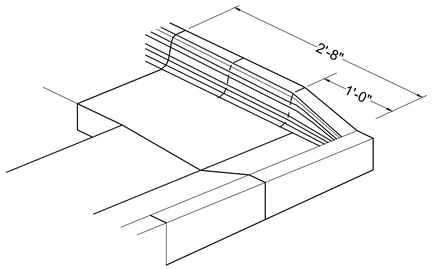
NOTE:
ROCK UNDER CURB TO BE SAME DEPTH TO SUBGRADE AS ADJACENT PAVEMENT. HOWEVER, NOT LESS THAN 6".

E C100 TYPICAL 24" MOUNTABLE CURB AND GUTTER
NO SCALE

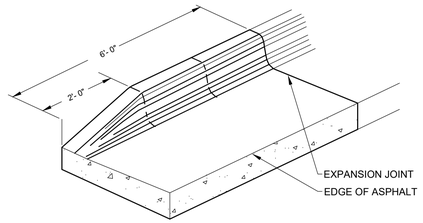


NOTE:
ROCK UNDER CURB TO BE SAME DEPTH TO SUBGRADE AS ADJACENT PAVEMENT. HOWEVER, NOT LESS THAN 6".

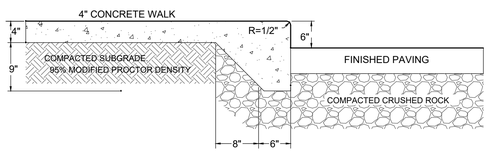
F C100 24" MOUNTABLE CURB AND GUTTER - REVERSE SLOPE
NO SCALE



G C100 END SECTION CORNER MOUNTABLE CURB
NO SCALE

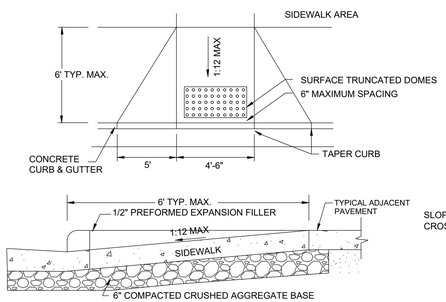


H C100 END SECTION CURB & GUTTER
NO SCALE



NOTE:
ROCK UNDER CURB TO BE SAME DEPTH TO SUBGRADE AS ADJACENT PAVEMENT. HOWEVER, NOT LESS THAN 6".

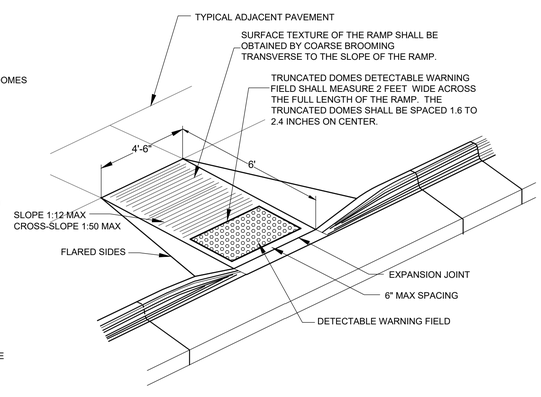
I C100 INTEGRAL CURB/SIDEWALK SECTION
NO SCALE

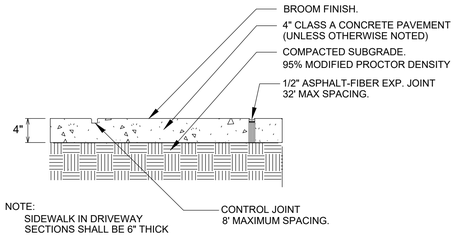


SECTION D-D
NO SCALE

NOTES:
* 2'x4' TRUCATED DOME PANELS SHALL BE CAST IRON
* THE SURFACE TEXTURE OF THE RAMP (EXCLUDING THE TRUNCATED DOME PANEL) SHALL BE A COARSE BROOMED FINISH, TRANSVERSE TO THE SLOPE OF THE RAMP.

J C100 SIDEWALK RAMP DETAIL
NO SCALE

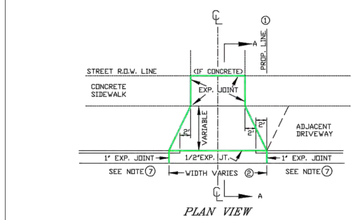


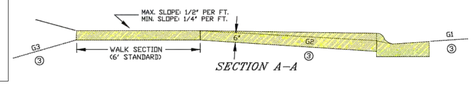


NOTE:
SIDEWALK IN DRIVEWAY SECTIONS SHALL BE 6" THICK

K C100 CONCRETE PAVING AND JOINTING
NO SCALE

DRAWINGS NOT TO SCALE



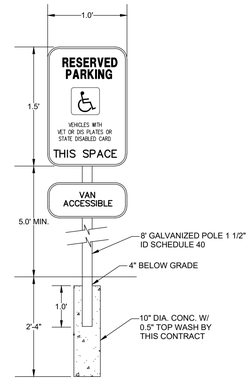


1. DRIVE SECTION SHALL NOT OVERLAP PROPERTY LINE EXTENDED, EXCEPT WHERE PERMITTED BY THE ENGINEER, OR WHEN A JOINT DRIVEWAY AGREEMENT IS EXCUTED BY OWNERS OF ADJACENT PROPERTIES.
2. MAX. DRIVEWAY WIDTH AT THE CURB AND SIDEWALK IS SET FORTH IN CITY ORDINANCE 5.03.
3. THE BREAKOVER ANGLE (CAUSE OF CARS BOTTOMING) BECOMES CRITICAL WHEN THE ALGEBRAIC DIFFERENCE OF GRADES (G1, G2, & G3) EXCEEDS 11%.
4. A REINFORCED DRIVE SECTION IS **REQUIRED FOR CURB & GUTTER IN AREAS ZONED INDUSTRIAL OR COMMERCIAL.**
5. BACK OF CURB TO FRONT OF CONC. SIDEWALK MUST BE CONCRETE, BRICK OR ASPHALTIC BITUMINOUS.
6. **MECHANICAL COMPACTION** OF SUBSOIL IN LAYERS LESS THAN 12" TO ACHIEVE MINIMUM COMPACTION OF 95% OF MAXIMUM DENSITY FROM MODIFIED PROCTOR **IS REQUIRED**. <INCLUDING STREET SIDE AFTER FORMS ARE REMOVED>
7. EXPANSION JOINT IS REQUIRED AT BOTH ENDS OF DRIVEWAY WHEN ONLY DRIVEWAY IS INSTALLED OR REPLACED. WHEN ENTIRE BLOCK OF CURB & GUTTER IS INSTALLED THE EXPANSION JOINT AT DRIVEWAY ENDS MAY BE OMITTED.

NOTE: TURNING OF 8" DIAMETER DRIVEWAY RETURNS IN LIEU OF DIMINISHING HEAD AS SHOWN IS PERMITTED IF DESIRED BY PROPERTY OWNER. INSTALLATION OF A DRIVEWAY BY REMOVING EXISTING CURB HEAD ONLY IS NOT ALLOWED. ENTIRE EXISTING C&G MUST BE REMOVED FOR NEW DRIVEWAYS. REMOVAL OF A MINIMUM 12" WIDTH OF BITUMINOUS TO INSTALL FRONT FORMS IS REQUIRED.

STANDARD DRIVEWAY DETAIL

L C100 STANDARD CONCRETE APRON
No Scale



M C100 DISABLED PARKING SIGN DETAIL
NO SCALE

REVISIONS	DATE

PARAGON ASSOCIATES
Environmental Design & Consulting
CIVIL ENGINEERING . LANDSCAPE ARCHITECTURE . SURVEYING
632 COPELAND AVENUE . LA CROSSE, WI 54603
Tel.608.781.3110 Fax.608.781.3197 Paragon-Assoc.biz

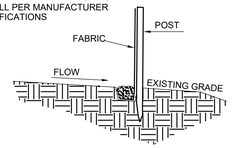
PREPARED FOR:
OLYMPIC BUILDERS

HEAVENLY CROSSROADS SPA
LA CROSSE INTERNATIONAL BUSINESS PARK LOT 4
LA CROSSE, WISCONSIN

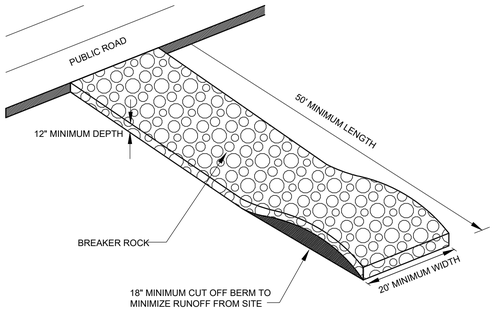
DETAILS

DRAWN	C.G.
PROJECT No	21-083
DATE	12/10/21
SCALE	VARIES
CAD FILE	21-083 Heavenly Crossroads 08
SHEET	C500

NOTE:
-REFER TO:
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
CONSTRUCTION SITE EROSION & SEDIMENT CONTROL
STANDARD SILT FENCE (1056)
-INSTALL PER MANUFACTURER
SPECIFICATIONS

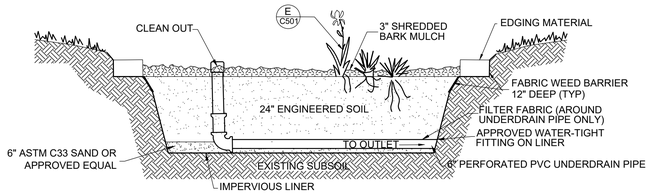


A C300 TYPICAL SILT FENCE INSTALLATION
NO SCALE

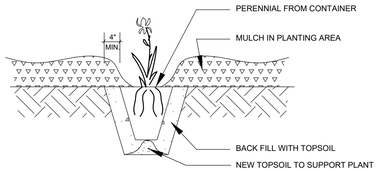


NOTES:
1. PLACE FILTER FABRIC (PROPEX 2002 OR EQUAL) UNDER BREAKER ROCK TO PREVENT MUD MIGRATION THROUGH ROCK.
2. ENTRANCE MUST BE MAINTAINED REGULARLY TO PREVENT SEDIMENTATION ON PUBLIC ROADWAYS. FUGITIVE ROCK WILL BE REMOVED FROM ADJACENT ROADWAYS DAILY OR MORE FREQUENTLY AS NECESSARY.

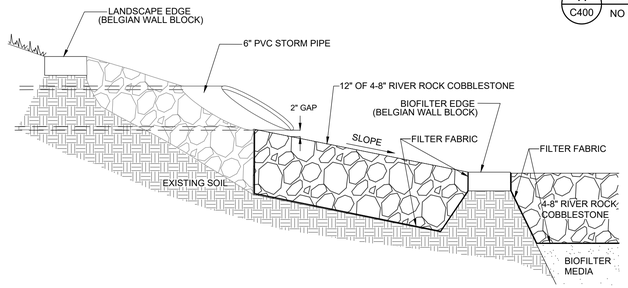
B C300 VEHICLE TRACKING CONTROL
NO SCALE



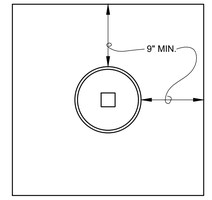
D C100 BIOFILTER DETAIL
NO SCALE



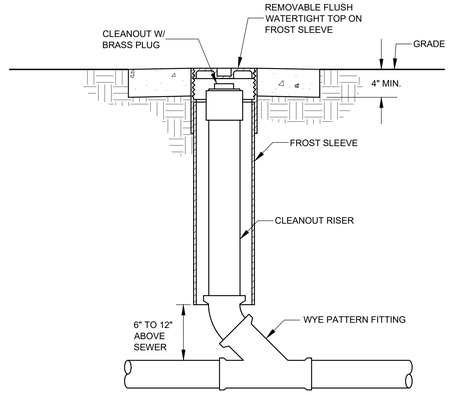
E C100 POTTED PLANTS PLANTING DETAIL
NO SCALE



F C400 STORMWATER OUTLET SECTION
NO SCALE



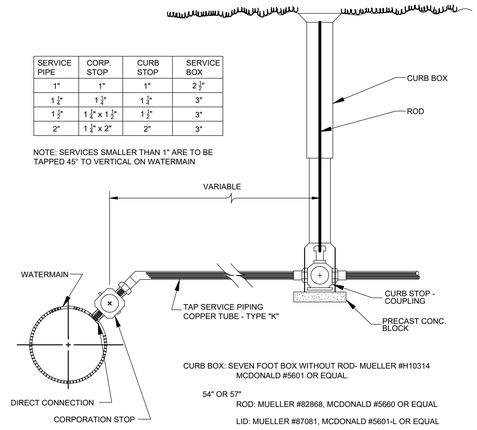
CONCRETE PAD REQUIRED IN AREAS SUBJECT TO VEHICULAR TRAFFIC.



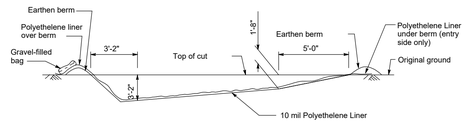
H C400 EXTERIOR CLEAN OUT DETAIL
NO SCALE

SERVICE PIPE	CORP. STOP	CURB STOP	SERVICE BOX
1"	1"	1"	2 1/2"
1 1/4"	1 1/4"	1 1/4"	3"
1 1/2"	1 1/2" x 1 1/4"	1 1/2"	3"
2"	1 1/2" x 2"	2"	3"

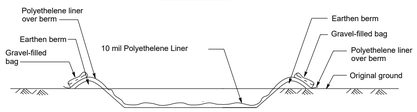
NOTE: SERVICES SMALLER THAN 1" ARE TO BE TAPPED 45° TO VERTICAL ON WATERMAIN



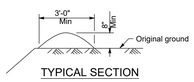
I C400 SERVICE SHUT-OFF DETAIL
NO SCALE



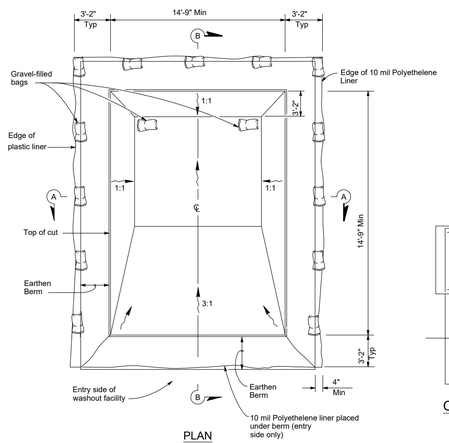
SECTION B-B



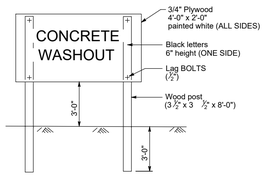
SECTION A-A



TYPICAL SECTION
EARTHEN BERM

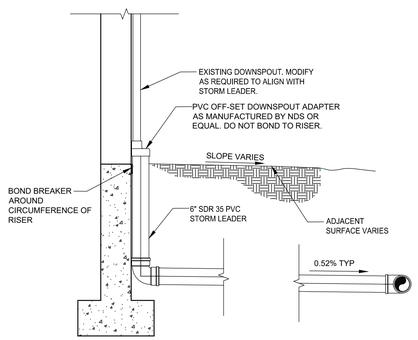


PLAN

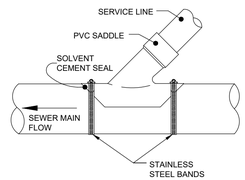


CONCRETE WASHOUT
SIGN DETAIL

C C300 TEMPORARY CONCRETE WASHOUT FACILITY
NO SCALE

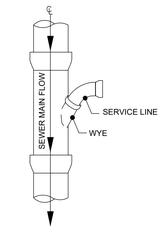


G C400 DOWNSPOUT DETAIL
No Scale

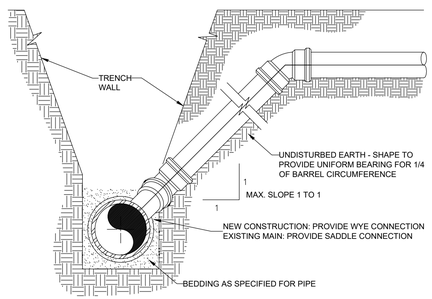


SADDLE CONNECTION

NOTES:
1. PVC SOLVENT CEMENT AND BANDS SHALL BE USED FOR PVC SADDLES.
2. TRUSS SADDLES SHALL BE USED WITH TRUSS PIPE.



WYE CONNECTION



NOTES:
1. THE OPEN ENDS OF LATERAL SHALL BE PROTECTED WITH POLYESTER COVER.
2. STAKES SHALL BE USED IF NECESSARY TO HOLD LATERAL IN PLACE.

J C400 SANITARY SEWER CONNECTION DETAIL
NO SCALE

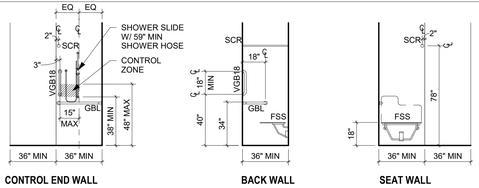
REVISIONS	DATE

PARAGON ASSOCIATES
Environmental Design & Consulting
CIVIL ENGINEERING . LANDSCAPE ARCHITECTURE . SURVEYING
632 COPELAND AVENUE . LA CROSSE, WI 54603
Tel.608.781.3110 Fax.608.781.3197 Paragon-Assoc.biz

PREPARED FOR:
OLYMPIC BUILDERS

HEAVENLY CROSSROADS SPA
LA CROSSE INTERNATIONAL BUSINESS PARK LOT 4
LA CROSSE, WISCONSIN
DETAILS

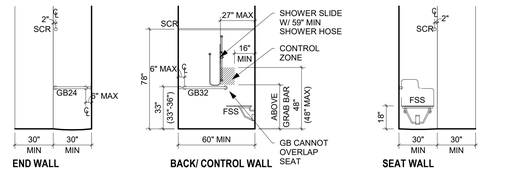
DRAWN	C.G.
PROJECT No	21-083
DATE	12/10/21
SCALE	VARIES
CAD FILE	21-083 Heavenly Crossroads 08
SHEET	C501



CONTROL END WALL | **BACK WALL** | **SEAT WALL**

ACCESSIBLE TRANSFER- TYPE SHOWER

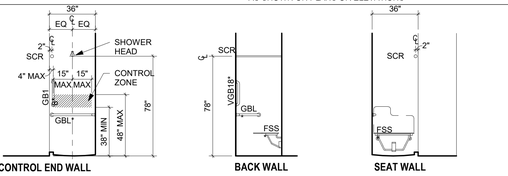
PROVIDE RECTANGULAR OR L-SHAPED SHOWER SEATS AS SHOWN ON PLANS OR ELEVATIONS



END WALL | **BACK/ CONTROL WALL** | **SEAT WALL**

ACCESSIBLE ROLL-IN SHOWER WITH FOLDING SEAT

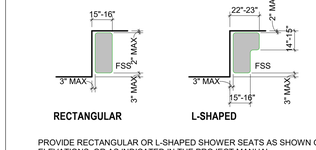
PROVIDE RECTANGULAR OR L-SHAPED SHOWER SEATS AS SHOWN ON PLANS OR ELEVATIONS



CONTROL END WALL | **BACK WALL** | **SEAT WALL**

STANDARD SHOWER WITH CURB

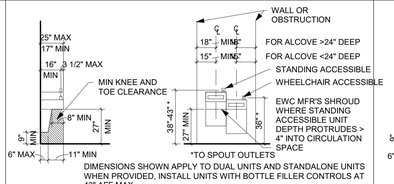
* ACCESSORIES WITH AN ASTERISK (*) ARE TO BE PROVIDED ONLY WHEN SHOWN ON PLANS OR ELEVATIONS. SEE ACCESSIBLE TRANSFER- TYPE SHOWER FOR DIMENSION TO THESE ACCESSORIES



RECTANGULAR | **L-SHAPED**

PROVIDE RECTANGULAR OR L-SHAPED SHOWER SEATS AS SHOWN ON PLANS, ELEVATIONS, OR AS INDICATED IN THE PROJECT MANUAL.

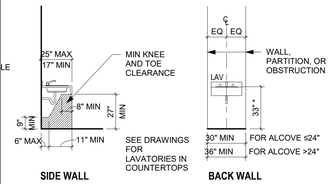
ACCESSIBLE SHOWER COMPARTMENT SEATS



DIMENSIONS SHOWN APPLY TO DUAL UNITS AND STANDALONE UNITS WHEN PROVIDED, INSTALL UNITS WITH BOTTLE FILLER CONTROLS AT 43" AFF MAX

SIDE | **FRONT**

ACCESSIBLE AND STANDING EWC AND DF

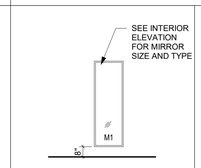


SEE DRAWINGS FOR LAVATORIES IN COUNTERTOPS

SIDE WALL | **BACK WALL**

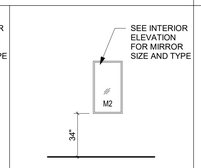
ACCESSIBLE LAVATORY

* TO THE HIGHER OF SINK RIM OR COUNTERTOP



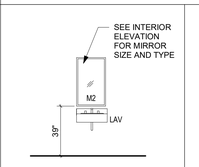
* TO REFLECTIVE SURFACE

ACCESSIBLE FULL-LENGTH CHANGING MIRROR



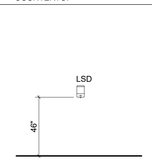
* TO REFLECTIVE SURFACE

ACCESSIBLE MIRROR WITHOUT LAV OR COUNTER

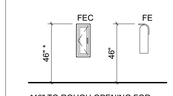


* TO REFLECTIVE SURFACE

ACCESSIBLE MIRROR ABOVE LAV

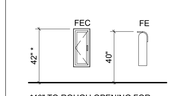


ACCESSIBLE SOAP & HAND SANITIZER DISPENSER



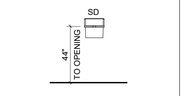
*48" TO ROUGH OPENING FOR RECESSED AND SEMI-RECESSED UNITS

FIRE EXTINGUISHER ≤ 40 LBS GW

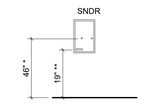


*40" TO ROUGH OPENING FOR RECESSED AND SEMI-RECESSED UNITS

FIRE EXTINGUISHER > 40 LBS GW

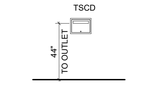


SHARPS DISPOSAL CONTAINER

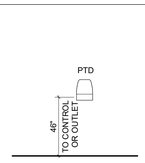


*TO CONTROLS AT TOILET ROOM INSTALL
**TO OUTLET AT TOILET STALL INSTALL

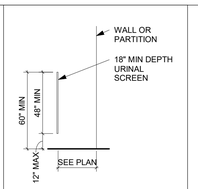
ACCESSIBLE SANITARY NAPKIN DISPENSER



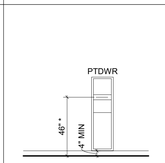
TOILET SEAT COVER DISPENSER



TOILET PARTITION

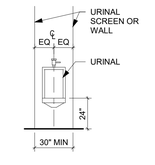


URINAL SCREEN



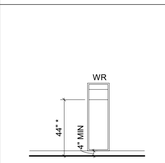
*TO TOWEL OUTLET OR CONTROL

ACCESSIBLE PAPER TOWEL / WASTE RECEPTACLE



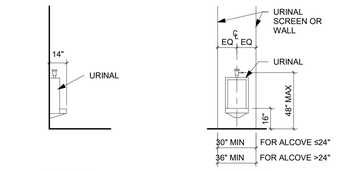
BACK WALL

STANDARD URINAL



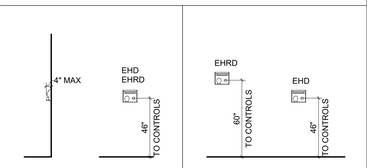
*TO TOP OF RECEPTACLE OPENING

ACCESSIBLE WASTE RECEPTACLE



SIDE WALL | **BACK WALL**

ACCESSIBLE URINAL

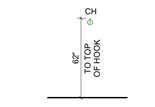


SIDE WALL | **BACK WALL**

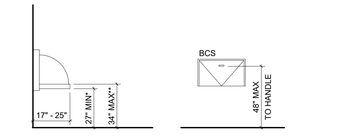
ACCESSIBLE ELECTRIC HAND DRYER AND HAIR DRYER

ELECTRIC HAND DRYER AND HAIR DRYER

ACCESSIBLE COAT HOOK, ROBE HOOK, TOWEL HOOK



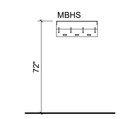
STANDARD COAT HOOK, ROBE HOOK, TOWEL HOOK



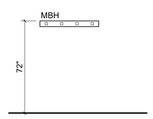
*TO BOTTOM OF WORKING SURFACE
**TO TOP OF WORKING SURFACE

SIDE WALL | **BACK WALL**

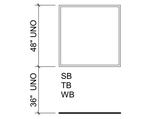
BABY CHANGING STATION



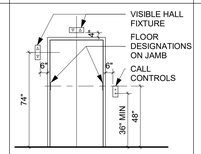
MOP/ BROOM HOLDER W/ SHELF



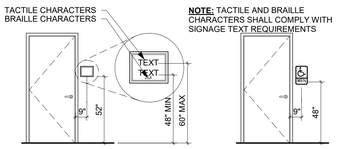
MOP/ BROOM HOLDER



VISUAL DISPLAY UNITS



ELEVATOR FIXTURES AND CONTROLS



NOTE: TACTILE AND BRAILLE CHARACTERS SHALL COMPLY WITH SIGNAGE TEXT REQUIREMENTS

SIGNAGE TEXT | **SIGNS WITH PICTOGRAMS**

VERIFY AND COORDINATE INSTALLATION DIMENSIONS WITH SHOP DRAWINGS.
ADA SIGNAGE TO BE CONTRACTOR FURNISHED, CONTRACTOR INSTALLED

TACTILE AND VISUAL SIGNAGE

TURNING RADIUS

CLEARANCE AT WC

CLEARANCE AT LAV

ACCESSORY ABBREVIATIONS

ABBREVIATION	ITEM
BCS	BABY CHANGING STATION
CH	COAT HOOK/ ROBE HOOK/ TOWEL HOOK
EHD	ELECTRIC HAND DRYER
EHRD	ELECTRIC HAIR DRYER
FSS	FOLDING SHOWER SEAT
GB24	1 1/2" DIA. GRAB BAR, 24" LONG. SEE PLANS FOR CONFIG./DIMS.
GB36	1 1/2" DIA. GRAB BAR, 36" LONG. SEE PLANS FOR CONFIG./DIMS.
GB42	1 1/2" DIA. GRAB BAR, 42" LONG. SEE PLANS FOR CONFIG./DIMS.
GB54	1 1/2" DIA. GRAB BAR, 54" LONG. SEE PLANS FOR CONFIG./DIMS.
GBL	1 1/2" DIA. GRAB BAR, INSIDE CORNER 15" LONG X 36" LONG
LSD	LIQUID SOAP DISPENSER
MBH	MOP AND BROOM HOLDER
MBHS	MOP AND BROOM HOLDER WITH 12" D. SHELF
M1	1'-6"W X 5'-0"H MIRROR WITH FRAME
M2	1'-6"W X 3'-0"H MIRROR WITH FRAME
PTD	PAPER TOWEL DISPENSER
PTDWR	WASTE RECEPTICAL WITH PAPER TOWEL DISPENSER - SEMI REC
SB	SMART BOARD
SCR	SHOWER CURTAIN AND ROD
SD	SHARPS DISPOSAL
SND	SANITARY NAPKIN DISPOSAL
SNDR	SANITARY NAPKIN DISPENSER
SSS	6" X 24" STAINLESS STEEL SHELF
SSS1	6" X 18" STAINLESS STEEL SHELF
TB	TACK BOARD
TPH	TOILET PAPER HOLDER
VGB18	1 1/2" DIA. VERTICAL GRAB BAR - 18" LONG
WB	WHITE BOARD
WR	WASTE RECEPTICAL - SEMI RECESSED

ACCESSORIES GENERAL NOTES:

1. NOT ALL ACCESSORIES REFERENCED ON SHEET A002 ARE INCLUDED IN THIS PROJECT. SEE ENLARGED FLOOR PLANS / ELEVATION SHEETS FOR ACCESSORIES LOCATIONS / LAYOUT.
2. ALL ACCESSORIES TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
3. CONFIRM EXACT LOCATION OF EACH ACCESSORY WITH OWNER PRIOR TO INSTALLATION.
4. SURFACE MOUNTED ACCESSORIES SHALL BE INSTALLED OVER WALL TILE.
5. PROVIDE INSULATION WRAP AT EXPOSED PIPING AT SINKS WHERE NO OTHER PROTECTION IS PROVIDED

MOUNTING GENERAL NOTES:

A. ACCESSIBLE ITEMS MUST MOUNT ACCORDING TO THIS SHEET. OTHER ITEMS SHALL MOUNT AS INDICATED, UNO.
B. DIMENSIONS ARE TO THE FACE OF FINISH MATERIALS AND NOT TO SUBSTRATES.
C. DIMENSIONS ARE BASED ON COMPLIANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, ICC/ANSI A117.1, OR OTHER APPLICABLE CODES AND REGULATIONS.
D. CONSTRUCTION/ INSTALLATION TOLERANCES AS DEFINED IN THE PROJECT MANUAL ARE INTENDED TO BE ACCOMMODATED WITH THE DIMENSIONS INDICATED.
E. MINIMUM AND MAXIMUM NOTATIONS
   a. WHERE A DIMENSION IS NOTED AS A MINIMUM (MIN) OR MAXIMUM (MAX), THE DIMENSION MUST BE VERIFIED AND COORDINATED WITH THE SHOP DRAWINGS SO THAT THE ITEM DIMENSIONED WILL BE INSTALLED ACCORDING TO THE DIMENSIONS INDICATED.
   b. MINIMUM AND MAXIMUM DIMENSIONS ARE ABSOLUTE WITH NO TOLERANCE BEYOND THE DIMENSION INDICATED.

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:
Olympic Builders
General Contractors, INC.

Project Title: OLYMPIC BUILDERS
HEAVENLY CROSSROADS SALON

Project Location: BERLIN DRIVE
LA CROSSE, WI 54603

Sheet Title: ADA MOUNTING HEIGHTS

HSR Project Number: 21030

Project Date: DECEMBER 2021

Drawn By: MPL

Key Plan:

CONSTRUCTION DOCUMENTS

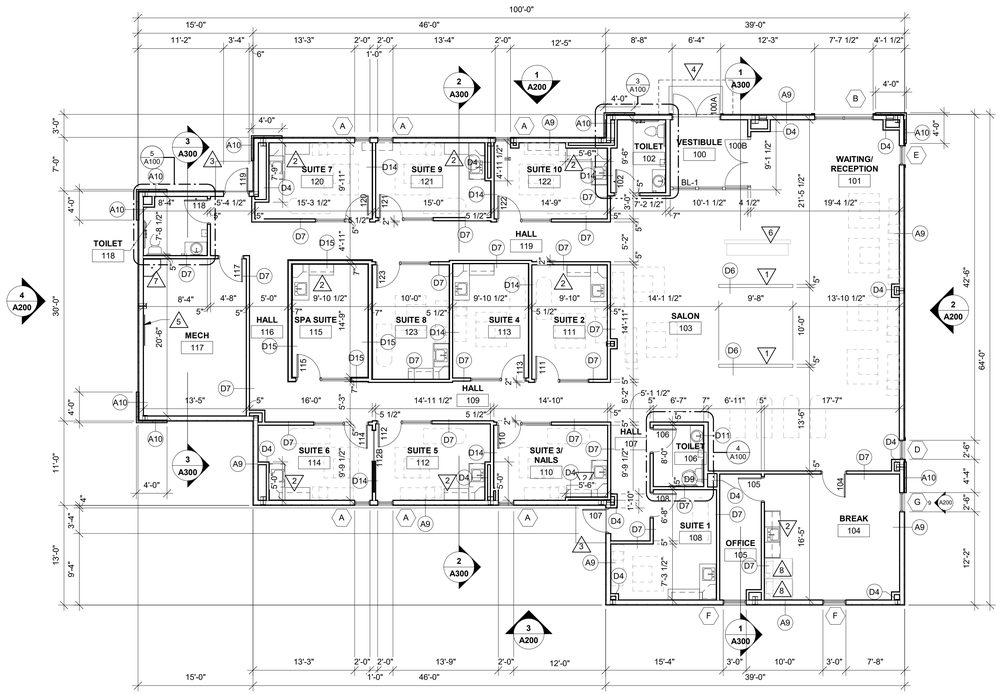
Revisions:

No.	Description	Date

Graphic Scale: VARIES

Last Update: 2/21/2022 1:58:40 PM

A002

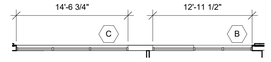


1 FLOOR PLAN

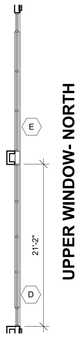
1/8" = 1'-0"

PLAN NORTH

TRUE NORTH



UPPER WINDOW- WEST



UPPER WINDOW- NORTH

PLAN GENERAL NOTES:

A. REFER TO CODE PLAN FOR ACCESSIBILITY ROUTES.

B. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.

C. UNLESS NOTED OTHERWISE RESTROOM FLOORS SHALL BE SLOPED A MIN. 1/16" : 12" TO FLOOR DRAINS - TO "CENTER", IF NO FLOOR DRAINS

D. EXTEND ALL WALLS TO DECK UNLESS NOTED OTHERWISE.

E. SEE STRUCTURAL FOR SLAB CONTROL JOINTS.

F. GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PADS/CURBS AS REQUIRED FOR MECHANICAL / ELECTRICAL EQUIPMENT- VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL / ELECTRICAL.

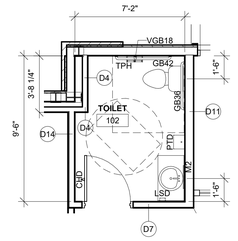
G. VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC. OPENINGS - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION

PLAN LEGEND:

(A)	SYMBOL INDICATES WALL TYPE - SEE SHEET A600 FOR WALL TYPE DETAILS.
(A)	SYMBOL INDICATES WINDOW TYPE. SEE SHEET A200 FOR WINDOW FRAME ELEVATIONS.
△	SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
BL-n	SYMBOL INDICATES BORROWED LIGHT- SEE SHEET A600.

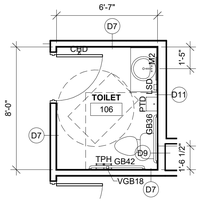
KEY NOTES PLAN

1	PARTIAL HEIGHT WALL VERIFY HEIGHT WITH OWNER.
2	PLAM CASEWORK- SEE 6A100.
3	CONCRETE STOOP- SEE STRUCTURAL.
4	LINE OF CANOPY ABOVE.
5	3/4" PLYWOOD FOR PANEL MOUNTING. VERIFY SIZE AND LOCATION.
6	RECEPTION DESK- BY OWNER.
7	MOP SINK- VERIFY LOCATION WITH OWNER.
8	STACKABLE WASHER/ DRYER.



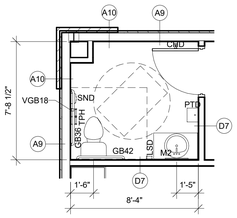
3 ENLARGED TR- 102

1/4" = 1'-0"



4 ENLARGED TR- 106

1/4" = 1'-0"



5 ENLARGED TR- 115

1/4" = 1'-0"

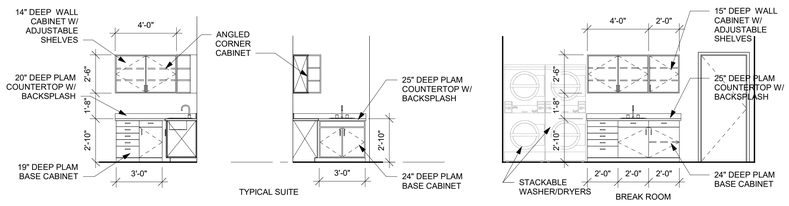
ACCESSORY SCHEDULE

SEE NOTES / MOUNTING INFORMATION ON A002

ABBREVIATION	ITEM
BCS	BABY CHANGING STATION
CH	COAT HOOK (DOUBLE)
GB36	1 1/2" DIA. GRAB BAR, 36" LONG. SEE PLANS FOR CONFIG./DIMS.
GB42	1 1/2" DIA. GRAB BAR, 42" LONG. SEE PLANS FOR CONFIG./DIMS.
LSD	LIQUID SOAP DISP.
MBH	MOP AND BROOM HOLDER
MBHS	MOP AND BROOM HOLDER WITH 12" D. SHELF
M2	1'-6"W X 3'-0"H MIRROR WITH FRAME
PTD	PAPER TOWEL DISPENSER
SND	SANITARY NAPKIN DISPOSAL
TPH	DBL TOILET PAPER HOLDER
VGB18	1 1/2" DIA. VERTICAL GRAB BAR - 18" LONG

ACCESSORIES GENERAL NOTES:

1. NOT ALL ACCESSORIES REFERENCED ON SHEET A002 ARE INCLUDED IN THIS PROJECT. SEE ENLARGED FLOOR PLANS / ELEVATION SHEETS FOR ACCESSORIES LOCATIONS / LAYOUT.
2. ALL ACCESSORIES TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
3. CONFIRM EXACT LOCATION OF EACH ACCESSORY WITH OWNER PRIOR TO INSTALLATION.
4. SURFACE MOUNTED ACCESSORIES SHALL BE INSTALLED OVER WALL TILE.
5. PROVIDE INSULATION WRAP AT EXPOSED PIPING AT SINKS WHERE NO OTHER PROTECTION IS PROVIDED



6 TYP CASEWORK ELEVATIONS

1/4" = 1'-0"

FINAL DESIGN, LAYOUT, AND FINISHES BY OWNER

CASEWORK GENERAL NOTES:

A. CASEWORK MANUFACTURER SHALL FIELD VERIFY ALL CASEWORK DIMENSIONS & CONDITIONS PRIOR TO FABRICATION OF CASEWORK.

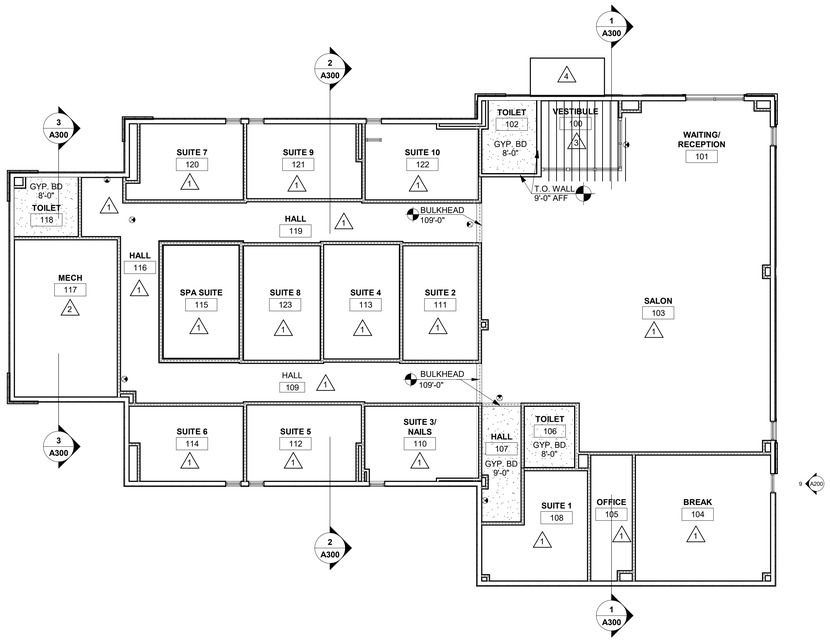
B. PROVIDE FINISHED END PANELS AT ALL KNEE SPACE, ALCOVES, AND EXPOSED CABINET ENDS.

C. INSTALL 1-1/2" WOOD BLOCKING BETWEEN STUDS FOR CASEWORK MOUNTING AT TOP AND BOTTOM OF ALL WALL CABINETS AND AT TOP OF ALL BASE CABINETS.

D. ALL BASE CABINET KICKS, ALCOVES, KNEE SPACE AND END PANELS SHALL RECEIVE BASE UNLESS OTHERWISE NOTED. VERIFY SIZE AND COLOR WITH OWNER.

E. SEAL EDGE OF COUNTER/BACKSPLASH TO ALL WALL LOCATIONS W/ CLEAR SEALANT.

F. PROVIDE CORD GROMMETS AT ALL WORK STATIONS - COORDINATE W/ OWNER FOR LOCATIONS.



2 REFLECTED CEILING PLAN

1/8" = 1'-0"

PLAN NORTH

TRUE NORTH

RCP GENERAL NOTES:

A. ALL INTERIOR PARTITIONS TO EXTEND TO BOTTOM OF DECK UNLESS OTHERWISE NOTED. CLOSE DECK FLUTES AT TOP OF WALL WITH NEOPRENE FILLER.

B. ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED.

C. WHERE NO CEILING/EXPOSED STRUCTURE UNLESS NOTED OTHERWISE, CONTRACTOR SHALL KEEP ALL MEP ABOVE OR EVEN WITH THE LEVEL OF THE LIGHTS. MEP SHALL RUN IN NEAT ORDERLY APPEARANCE GENERALLY PARALLEL OR PERPENDICULAR TO FINISHED STRUCTURE. WALLS IN THESE ROOMS TO RUN TO DECK AND ALL STRUCTURE / MEP COMPONENTS ARE TO BE PAINTED.

D. HANGERS AND SUPPORTS: MECHANICAL, PLUMBING, ELECTRICAL AND OTHER CABLING CONTRACTORS SHALL NOT HANG OR SUPPORT THE WORK FROM THE ROOF DECK IN ANY FASHION. CONDUIT RUNS SHALL NOT BE LAID ON ROOF DECK NOR LAID ON THE STRUCTURAL SUPPORT THAT SUPPORTS THE ROOF DECK. NO FASTENERS SHALL PENETRATE ROOF DECK BY ANY TRADE OTHER THAN THE ROOFING CONTRACTOR FOR THE NEW ROOF SYSTEM.

E. CEILING TYPES INSTALLED AS NOTED ON PLANS.

F. MEP ITEMS TO BE COORDINATED WITH CONTRACTOR.

RCP LEGEND:

---------- WALLS EXTENDED TO STRUCTURE ABOVE

KEY NOTES RCP

1	EXPOSED TO STRUCTURE ABOVE. PAINT EXPOSED STRUCTURE AND DUCTS.
2	EXPOSED TO STRUCTURE ABOVE. NO PAINT.
3	PERGOLA OVER VESTIBULE. OPEN ABOVE. FINAL DESIGN BY OWNER.
4	CANOPY ROOF.

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:
Olympic Builders
General Contractors, INC.

Project Title: OLYMPIC BUILDERS
HEAVENLY CROSSROADS SALON

Project Location: BERLIN DRIVE
LA CROSSE, WI 54603

Sheet Title: FLOOR PLAN- REFLECTED CEILING PLAN

HSR Project Number: 21030

Project Date: DECEMBER 2021

Drawn By: MPL

Key Plan:

CONSTRUCTION DOCUMENTS

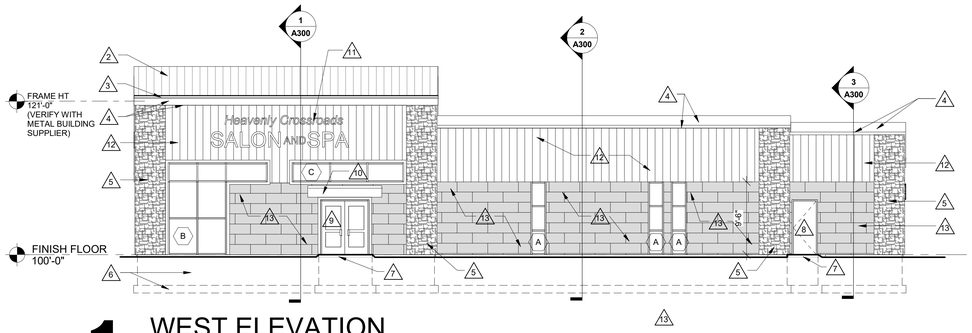
Revisions:

No.	Description	Date

Graphic Scale: VARIES

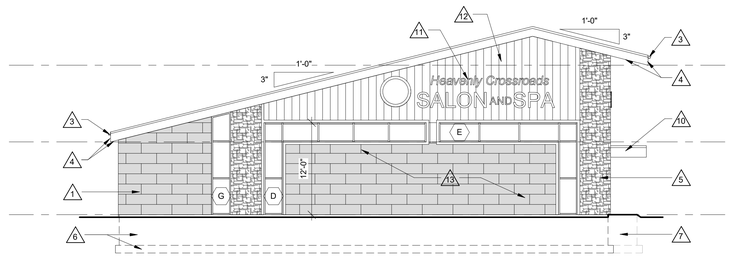
Last Update: 2/21/2022 1:58:43 PM

A100



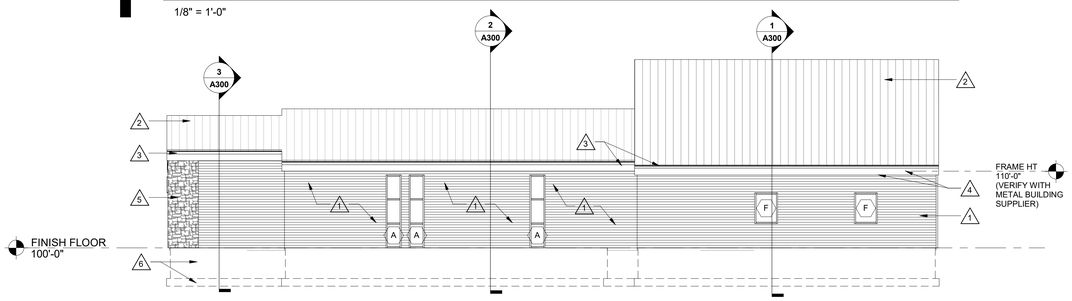
1 WEST ELEVATION

1/8" = 1'-0"



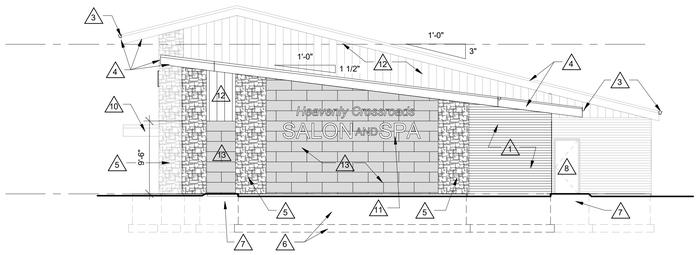
2 NORTH ELEVATION

1/8" = 1'-0"



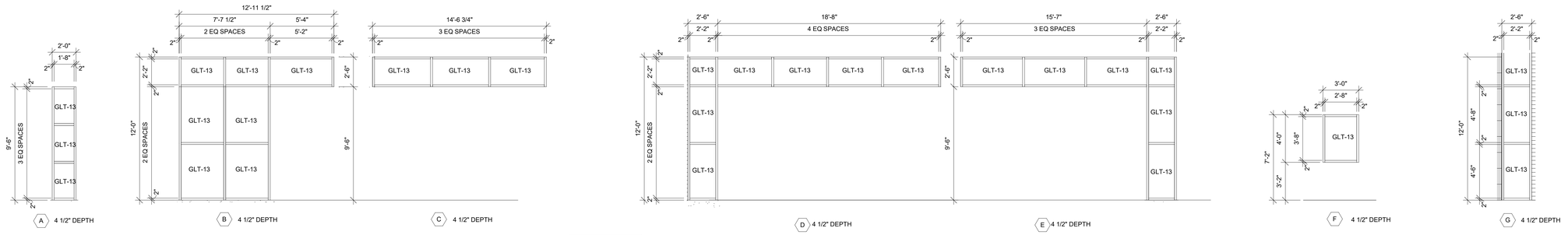
3 EAST ELEVATION

1/8" = 1'-0"



4 SOUTH ELEVATION

1/8" = 1'-0"

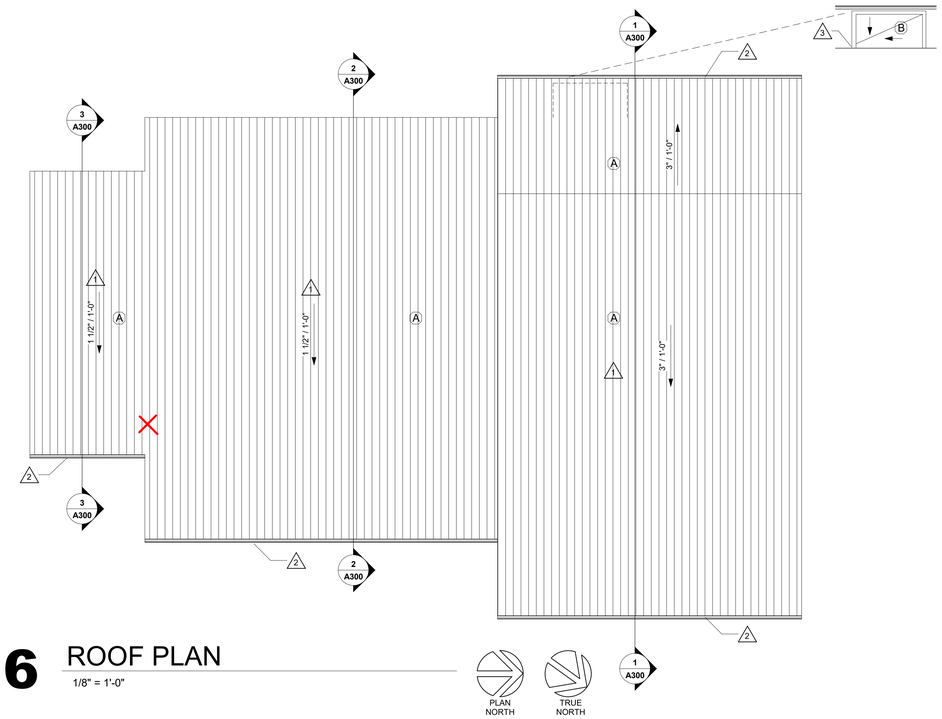


A 4 1/2" DEPTH B 4 1/2" DEPTH C 4 1/2" DEPTH D 4 1/2" DEPTH E 4 1/2" DEPTH F 4 1/2" DEPTH G 4 1/2" DEPTH

FIELD VERIFY ALL
FRAME DIMENSIONS

5 ALUM FRAME TYPES

1/4" = 1'-0"



6 ROOF PLAN

1/8" = 1'-0"

PLAN NORTH

TRUE NORTH

ROOF GENERAL NOTES:

A. SEE ROOF SYSTEM NOTES FOR MINIMUM AND AVERAGE INSULATION VALUES.

B. ROOF PENETRATIONS FOR DRAINS, VENTS, ETC. SHALL BE COMPLETED AS PER CURRENT SMACNA REQUIREMENTS AND THE ROOF MANUFACTURERS APPROVED DETAILS FOR WARRANTY SATISFACTION. COORDINATE QUANTITY AND LOCATIONS WITH MEP CONTRACTOR.

C. ALL METAL ROOF AND FLASHING, SHALL MEET CURRENT SMACNA REQUIREMENTS AND MANUFACTURER'S SPECIFIED WARRANTY.

ROOF SYSTEM DESCRIPTIONS:

A STANDING SEAM METAL ROOF SYSTEM ON METAL BUILDING FRAME SYSTEM. R-50 SIMLPLE SAVER LINER SYSTEM.

B ADHERED, SINGLE MEMBRANE ROOFING SYSTEM ON 1/4" PER FOOT TAPERED POLYISOCYANURATE INSULATION. SLOPE TO SCUPPER.

KEY NOTES ROOF

1	STANDING SEAM METAL ROOF. COLOR AND STYLE BY OWNER.
2	PREFINISHED GUTTERS AND DOWNSPOUTS. COORDINATE DOWNSPOUT LOCATIONS WITH OWNER.
3	SCUPPER- FINAL DESIGN AND LOCATION BY OWNER.

ELEVATION GENERAL NOTES:

A. FINAL MATERIAL SELECTION BY OWNER.

ELEVATION LEGEND:

1 KEYNOTE TAG

A WINDOW TAG - ALUM THERMALLY BROKEN WINDOW UNIT- SEE SHEET A200 FOR FRAME ELEVATIONS, A600 FOR GLASS TYPES.

METAL PANEL A

BOARD AND BATTEN SIDING

KEY NOTES ELEVATION

1	METAL PANEL SIDING.
2	STANDING SEAM METAL ROOF.
3	PREFINISHED ALUMINUM GUTTERS. COORDINATE DOWNSPOUT LOCATIONS WITH CIVIL.
4	METAL FASCIA AND SOFFIT.
5	MANUFACTURED MASONRY.
6	CONCRETE FOOTING AND FOUNDATION- SEE STRUCTURAL.
7	CONCRETE STOOOP- SEE STRUCTURAL
8	INSULATED HM DOOR AND FRAME.
9	ALUMINUM ENTRY SYSTEM.
10	ENTRANCE CANOPY.
11	BUILDING SIGNAGE.
12	LP SMARTSIDE BOARD AND BATTEN.
13	TEXTURED ARCHITECTURAL PANEL.

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:
Olympic Builders
General Contractors, INC.

Project Title: OLYMPIC BUILDERS
HEAVENLY CROSSROADS SALON

Project Location: BERLIN DRIVE
LA CROSSE, WI 54603

Sheet Title: BUILDING ELEVATIONS- ROOF PLAN

HSR Project Number: 21030

Project Date: DECEMBER 2021

Drawn By: MPL

Key Plan:

CONSTRUCTION DOCUMENTS

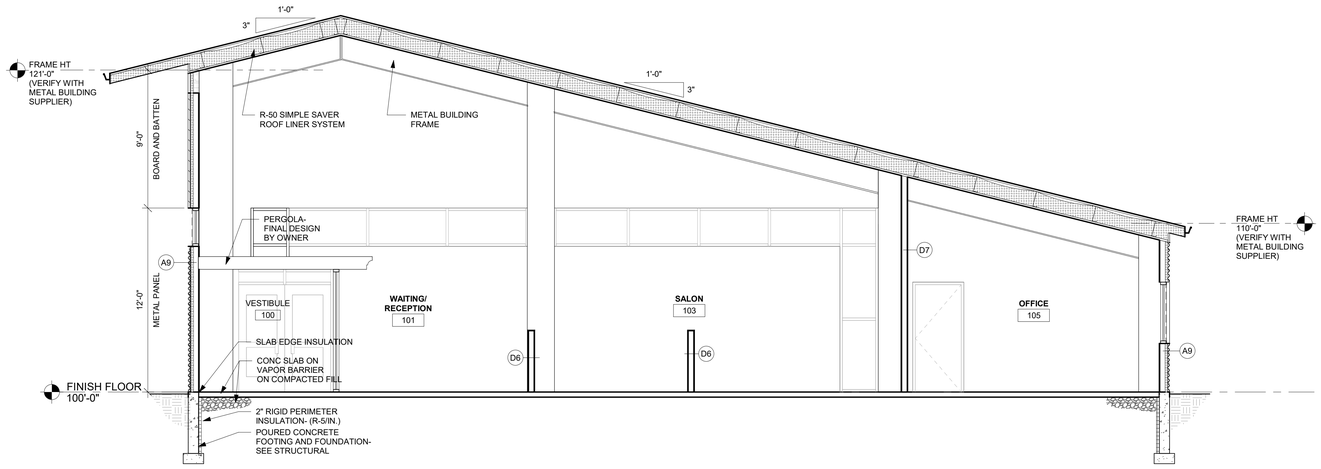
Revisions:

No.	Description	Date

Graphic Scale: VARIES

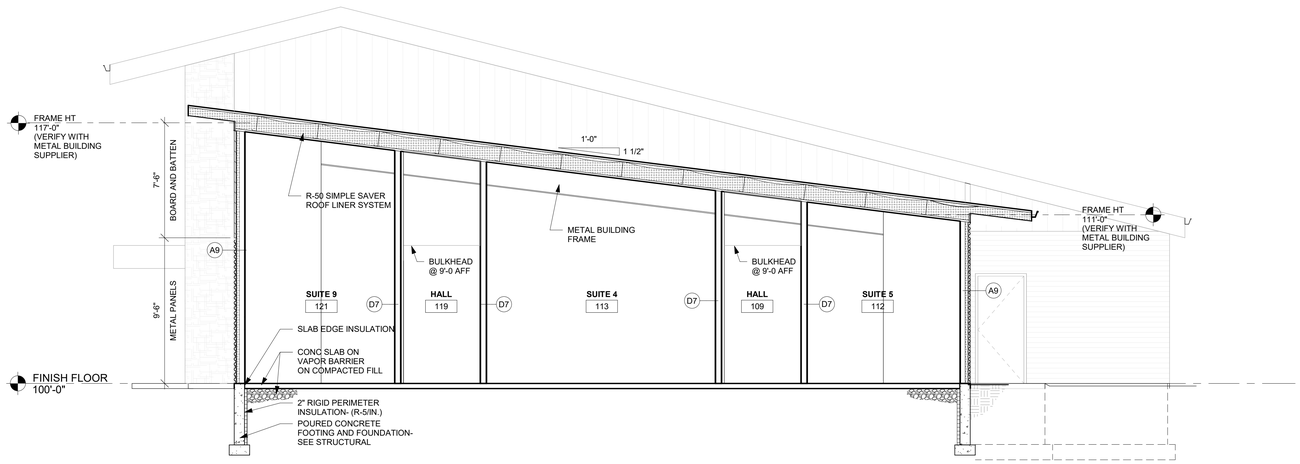
Last Update: 2/21/2022 1:58:44 PM

A200



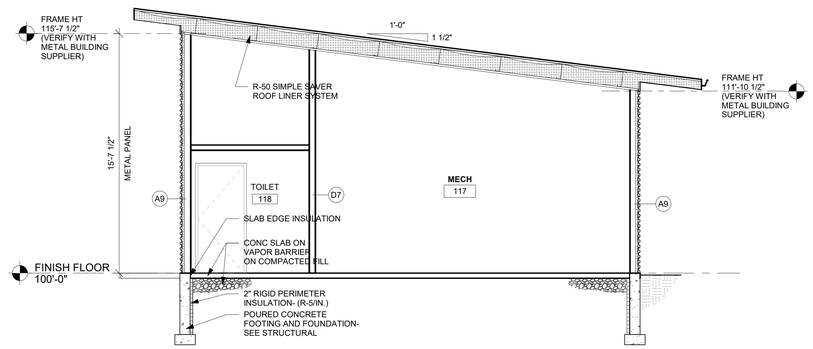
1 BUILDING SECTION 1

1/4" = 1'-0"



2 BUILDING SECTION 2

1/4" = 1'-0"



3 BUILDING SECTION 3

1/4" = 1'-0"

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:
Olympic Builders
General Contractors, INC.

Project Title: **OLYMPIC BUILDERS**
HEAVENLY CROSSROADS SALON

Project Location: **BERLIN DRIVE**
LA CROSSE, WI 54603

Sheet Title: **BUILDING SECTIONS**

HSR Project Number: **21030**

Project Date: **DECEMBER 2021**

Drawn By: **MPL**

Key Plan:

CONSTRUCTION DOCUMENTS

Revisions:

No.	Description	Date

Graphic Scale: **VARIES**

Last Update: **2/21/2022 1:58:45 PM**

A300

DOOR SCHEDULE

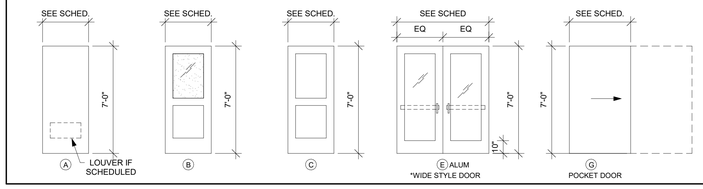
DOOR NO.	DOOR SIZE W	SIZE H	SIZE T	DOOR MAT'L	DOOR TYPE	GLASS TYPE	U-CUT OR LOUVER	FRAME MAT'L	FRAME ELEV	FRAME DEPTH	FRAME DETAILS HEAD	FRAME DETAILS JAMB	FRAME DETAILS SILL	HDWR GROUP	REMARKS
100A	3' - 0"	7' - 0"	1 3/4"	ALUM	E	GLT-13		ALUM	AA						2
100B	3' - 0"	7' - 0"	1 3/4"	ALUM	E	GLT-4		ALUM	DD						2
102	3' - 0"	7' - 0"	1 3/4"	SCWD	C			WD	AA						
104	3' - 0"	7' - 0"	1 3/4"	SCWD	C			WD	AA						
105	3' - 0"	7' - 0"	1 3/4"	SCWD	C			WD	AA						
106	3' - 0"	7' - 0"	1 3/4"	SCWD	C			WD	AA						
107	3' - 0"	7' - 0"	1 3/4"	IHM	A			HM	AA						
108	3' - 0"	7' - 0"	1 3/4"	SCWD	B	GLT-4		WD	BB					1	
110	3' - 0"	7' - 0"	1 3/4"	SCWD	B	GLT-4		WD	CC					1	
111	3' - 0"	7' - 0"	1 3/4"	SCWD	B	GLT-4		WD	CC					1	
112	3' - 0"	7' - 0"	1 3/4"	SCWD	B	GLT-4		WD	CC					1	
112B	4' - 0"	7' - 0"	1 1/2"	SCWD	G			WD						1,3	
113	3' - 0"	7' - 0"	1 3/4"	SCWD	B	GLT-4		WD	CC					1	
114	3' - 0"	7' - 0"	1 3/4"	SCWD	B	GLT-4		WD	CC					1	
115	3' - 0"	7' - 0"	1 3/4"	SCWD	B	GLT-4		WD	CC					1	
117	3' - 0"	7' - 0"	1 3/4"	SCWD	C			WD	AA						
118	3' - 0"	7' - 0"	1 3/4"	SCWD	C			WD	AA						
119	3' - 0"	7' - 0"	1 3/4"	IHM	A			HM	AA						
120	3' - 0"	7' - 0"	1 3/4"	SCWD	B	GLT-4		WD	CC					1	
121	3' - 0"	7' - 0"	1 3/4"	SCWD	B			WD	CC					1	
122	3' - 0"	7' - 0"	1 3/4"	SCWD	B	GLT-4		WD	CC					1	
123	3' - 0"	7' - 0"	1 3/4"	SCWD	B	GLT-4		WD	CC					1	

DOOR SCHEDULE GENERAL NOTES

HM = HOLLOW METAL IHM = INSULATED HOLLOW METAL ALUM = ALUMINUM SCWD = SOLID CORE WOOD DOOR

A. DOOR HARDWARE GROUPS BY OWNER.
B. ALL HM (HOLLOW METAL) AND IHM (INSULATED HOLLOW METAL) DOORS AND FRAMES SHALL BE PAINTED
C. ALL DOUBLE DOORS TO HAVE TWO EQUAL LEAFS UNLESS NOTED OTHERWISE
D. SEE BELOW FOR GLASS TYPES

DOOR TYPES



DOOR SCHEDULE REMARKS

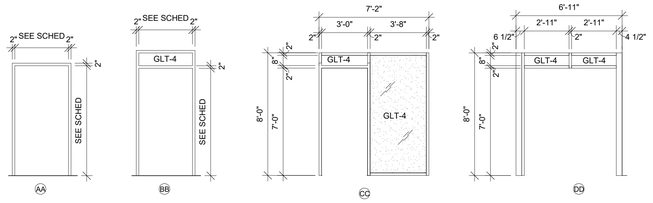
1. PRIVACY FILM AT GLAZING.
2. PAIR EQUAL LEAF DOORS.
3. BARN/ POCKET DOOR- VERIFY WITH OWNER.

DOOR FRAME GENERAL NOTES

HM = HOLLOW METAL ALUM = ALUMINUM

A. SEE SHEET A600 FOR ADDITIONAL FRAME TYPES
B. ALL HM (HOLLOW METAL) AND IHM (INSULATED HOLLOW METAL) FRAMES SHALL BE PAINTED.
C. CONFIRM FRAME CONFIGURATION WITH OWNER.

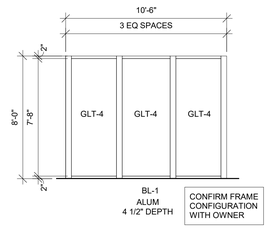
DOOR FRAME TYPES



GLASS TYPES:

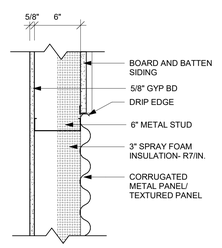
GLT-4:
1/4" CLEAR TEMPERED GLASS

GLT-13:
1" DOUBLE-GLAZED INSULATING GLASS FULLY TEMPERED

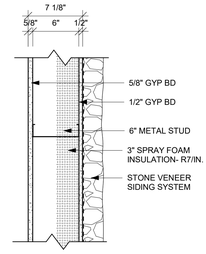


1 FRAME ELEVATIONS

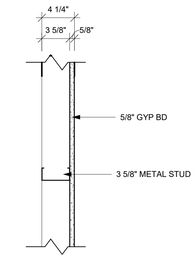
1/4" = 1'-0"



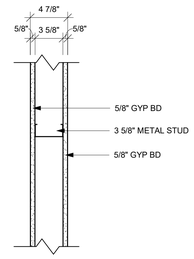
PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
A9	7 1/4"	7"	-	-	-



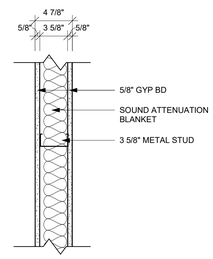
PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
A10	7 1/4"	7"	-	-	-



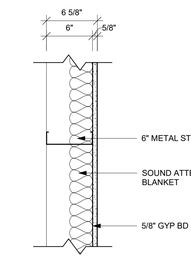
PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D4	4 1/4"	4"	-	-	33



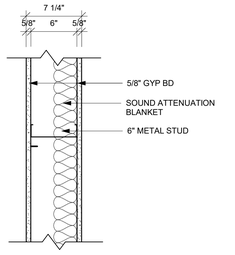
PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D6	4 7/8"	5"	-	-	38



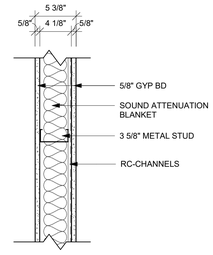
PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D7	4 7/8"	5"	-	-	49



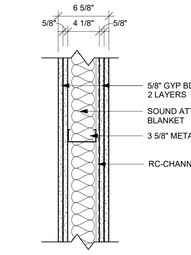
PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D9	6 5/8"	7"	-	-	42



PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D11	7 1/4"	7"	-	-	47



PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D14	5 3/8"	5 1/2"	-	-	51



PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D15	6 5/8"	7"	-	-	59

WALL TYPE GENERAL NOTES:

A. AT WALL TILE LOCATIONS, INSTALL BACKER BOARD AT WET AND NON-WET LOCATIONS.

B. WALLS, INCLUDING BULKHEADS SHALL HAVE FRAMING EXTENDED TO DECK ABOVE. GYP BOARD SHALL EXTEND TO 4" ABOVE CEILING UNLESS NOTED OTHERWISE. COLUMN FURRING MAY STOP 4" ABOVE CEILING.

C. EXTEND STUDS, GYP BOARD AND SOUND BLANKET TO DECK ABOVE AT SOUND CONTROL WALLS (INDICATED BY SOUND ATTENUATION BLANKETS, SOUND SEAL NOTE OR STC RATING).

D. AT SOUND CONTROL WALLS (INDICATED BY SOUND ATTENUATION BLANKETS, SOUND SEAL NOTE OR STC RATING) APPLY CONTINUOUS BEAD OF ACOUSTICAL SEALANT AT FLOOR/CEILING TRACK STUDS AND STUD AT WALL. APPLY CONTINUOUS BEAD OF ACOUSTICAL SEALANT AT PERIMETER OF GYP BOARD HOLDING EDGE OF GYP BOARD AWAY FROM ADJACENT STRUCTURE NO MORE THAN 3/8". SEAL ALL M/E/P/FP PENETRATIONS WITH SOUND BLANKET, BACKING, AND ACOUSTICAL SEALANT AFTER INSTALLING ONE SIDE OF GYP BOARD. APPLY OVERSIZED 2" SOUND BLANKET OVER BACK SIDE OF ELECTRICAL BOXES AND SIMILAR PENETRATIONS. WHERE WALL BOXES OCCUR AT OPPOSITE SIDES, APPLY INSULATION TO BACKSIDE OF WALL BOXES.

E. INSTALL GYPSUM BOARD CONTROL JOINTS AT TOP OF ALL INTERIOR TOP OF DOOR JAMBS TO TOP OF GYPSUM BOARD WALLS. OTHER CONTROL JOINTS TO BE INSTALLED AT 30'-0" O.C. MAX. REVIEW LOCATION REQUIREMENTS WITH A/E PRIOR TO START OF INSTALLATION OF GYPSUM BOARD ASSEMBLIES.

WALL ASSEMBLY R-VALUE COMPONENT TABLE:

COMPONENT	R-VALUE
FILM (INSIDE)	.68
5/8" GYP BOARD	.52
6" MTL STUD	- -
8" CMU	1.11
CONCRETE	.08 PER INCH (above grade); .11 PER INCH (foundation)
1/2 GYP SHEAT	.69
FILM (OUTSIDE)	.17
RIGID FOAM	5 PER INCH
SPRAY FOAM	7 PER INCH
DEAD AIR	.85
BRICK	.44
STONE	.44
MTL PANEL	.62
SEE WALL TYPE FOR TOTAL WALL R-VALUE	

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:
Olympic Builders
General Contractors, INC.

Project Title: OLYMPIC BUILDERS
HEAVENLY CROSSROADS SALON

Project Location: BERLIN DRIVE
LA CROSSE, WI 54603

Sheet Title: DOOR SCHEDULE- WALL TYPES

HSR Project Number: 21030

Project Date: DECEMBER 2021

Drawn By: MPL

Key Plan:

CONSTRUCTION DOCUMENTS

Revisions:

No.	Description	Date

Graphic Scale: VARIES

Last Update: 2/21/2022 1:58:46 PM

A600

► BUILDING CODES
- DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE 2018 WISCONSIN COMMERCIAL BUILDING CODE (BASED ON IBC 2015) AS CONTAINED IN CHAPTERS SPS 361, SPS 362 and SPS 366 OF THE WISCONSIN ADMINISTRATIVE CODE.

RISK CATEGORY — II

► DESIGN LOADS AND DATA
- SUPERIMPOSED LOADS (STRUCTURE SELF WEIGHT NOT INCLUDED)

DEAD (FROM PEMB SUPPLIER)	
ROOF LOAD	4 PSF
COLLATERAL GRAVITY	3 PSF
LIVE	
ROOF	20 PSF
PARTITION ALLOWANCE	15 PSF
FLOOR - ROOMS	40 PSF
FLOOR - CORRIDOR/COMMON AREAS	100 PSF
LIVE LOAD REDUCTION	NONE

- SNOW LOADS

GROUND SNOW (p_g)	40 PSF
SNOW DENSITY (0.13 x p_g + 14 < 30)	19.2 PCF
ROOF EXPOSURE	PARTIALLY EXPOSED
EXPOSURE FACTOR (C_e)	1.0
THERMAL FACTOR - BUILDING (C_t)	1.0
SNOW IMPORTANCE FACTOR (I_s)	1.0
FLAT ROOF SNOW LOAD ($p_f = 0.7\ C_e\ C_t\ I_s\ p_g$)	28.0 PSF
DRIFT LOAD	AS NOTED ON PEMB DRAWINGS

- WIND DATA

ULTIMATE DESIGN WIND SPEED - 3 SECOND GUST (V_{ULT})	115 MPH
NOMINAL DESIGN WIND SPEED - 3 SECOND GUST (V_{ASD})	89 MPH
BUILDING ENCLOSURE	ENCLOSED
BUILDING EXPOSURE	C
WIND DIRECTIONALITY FACTOR (K_d)	0.85
TOPOGRAPHIC FACTOR (K_{zt})	1.0
GUST FACTOR (G - BUILDING IS RIGID)	0.85
INTERNAL PRESSURE COEFFICIENT (ENCLOSED - GC_{pi})	± 0.18

- SEISMIC DATA

SEISMIC IMPORTANCE FACTOR	1.00
MAPPED SPECTRAL RESPONSE ACCELERATION FOR SHORT PERIODS (S_S)	0.053
MAPPED SPECTRAL RESPONSE ACCELERATION FOR 1 SECOND PERIOD (S_1)	0.036
SITE CLASS PER ASCE CHAPTER 20.1	D
DESIGN SPECTRAL RESPONSE ACCELERATION FOR SHORT PERIODS (S_{DS})	0.057
DESIGN SPECTRAL RESPONSE ACCELERATION FOR 1 SECOND PERIOD (S_{D1})	0.058
SEISMIC DESIGN CATEGORY	A
STEEL SYSTEM NOT SPECIFICLY DETAILED FOR SIESMIC	
BASIC SEISMIC FORCE RESISTING SYSTEM AND PARAMETERS	
R = 3.0 Ω_O = 2.5 C_d = 3.0	
SEISMIC RESPONSE COEFFICIENT (C_s)	0.019
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE (ASCE 12.8)

► MATERIAL STRENGTHS AND STANDARDS
- SOILS

DESIGN SOIL BEARING CAPACITY FOR SPREAD/STRIP FOOTINGS	2000 PSF (ASSUMED)
COEFFICIENT OF SLIDING FRICTION (CONCRETE –SOIL)	0.30 (ASSUMED)

- CONCRETE (28 DAY STRENGTH)

FOOTINGS, DRILLED PIERS, STEEL PILE FILL	f'_c = 3,000 PSI
FOUNDATION WALLS, INTEGRAL PIERS	f'_c = 4,000 PSI
INTERIOR SLAB-ON-GRADE	f'_c = 4,000 PSI
EXTERIOR SLAB-ON-GRADE	f'_c = 4,500 PSI

- REINFORCING STEEL

WELDED WIRE FABRIC, PROVIDED IN FLAT SHEETS ONLY (ASTM A185)	F_y = 65,000 PSI
DEFORMED BARS (ASTM A615, GRADE 60)	F_y = 60,000 PSI

► GENERAL NOTES
- EXISTING CONDITIONS

INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THE STRUCTURAL DRAWINGS REPRESENTS THE ACTUAL EXISTING FIELD CONDITION TO THE BEST OF OUR KNOWLEDGE. R.A. SMITH, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS, DIMENSIONS AND BUILDING CONDITIONS AFFECTING THE WORK BY DIRECT SURVEY AND MEASUREMENT PRIOR TO THE PREPARATION OF SHOP DRAWINGS, FABRICATION, ERECTION OR CONSTRUCTION OF ANY ITEM IMPACTED BY EXISTING CONDITIONS. REPORT DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND FIELD CONDITIONS FOR REVIEW. ANY WORK PERFORMED PRIOR TO THE RESOLUTION OF THE DISCREPANCIES IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.

EXISTING CONSTRUCTION SHALL NOT BE USED AS A MATERIAL STAGING AREA FOR NEW CONSTRUCTION, AND SHALL NOT BE USED TO PROVIDE TEMPORARY BRACING FOR NEW CONSTRUCTION.

- CONSTRUCTION

UNLESS SPECIFICALLY NOTED OTHERWISE, BUILDING STRUCTURE HAS BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION ONLY, AND HAS NOT BEEN ANALYZED, INVESTIGATED OR DESIGNED FOR OVERALL STRUCTURE, OR INDIVIDUAL MEMBER, STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY BRACING AND SUPPORTS FOR ALL STRUCTURAL ELEMENTS, BOTH INDIVIDUALLY AND COLLECTIVELY, AS REQUIRED AT EVERY STAGE OF CONSTRUCTION UNTIL THE FINAL COMPLETION OF THE STRUCTURE. NO PORTION OF THE BUILDING STRUCTURE, WHILE UNDER CONSTRUCTION IS INTENDED TO BE STABLE IN THE ABSENCE OF THE CONTRACTORS TEMPORARY BRACES AND SUPPORTS, WHICH SHALL ADDITIONALLY PROVIDE SUPPORT FOR ALL CONSTRUCTION LOADING. MATERIALS AND EQUIPMENT SHALL BE STORED, TRANSPORTED AND INSTALLED IN A MANNER THAT WILL NOT EXCEED THE DESIGN FLOOR LOADING.

CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, TEMPORARY BRACING, SUPPORTS, SHORING, FORMING TO SUPPORT IMPOSED CONSTRUCTION LOADS, AND OTHER SIMILAR ITEMS.

STRUCTURAL DOCUMENTS MAY REFER TO OSHA REQUIREMENTS. SUCH REFERENCES ARE INCIDENTAL, AND ARE NOT INTENDED TO IDENTIFY ALL APPLICABLE OSHA REQUIREMENTS.

- COMPLETENESS

INFORMATION CONTAINED IN THE GENERAL NOTES IS ONLY A PARTIAL SUMMARY OF PROJECT REQUIREMENTS. SEE SPECIFICATIONS, PLANS AND DETAILS FOR ADDITIONAL REQUIREMENTS.

USE ONLY DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT MANUALLY SCALE THE DRAWINGS OR USE ANY DIMENSIONS MEASURED FROM ELECTRONIC DRAWING FILES.

UNLESS NOTED OTHERWISE, CENTERLINE OF FLOOR FRAMING ELEMENTS COINCIDES WITH COLUMN CENTERLINES, AND FRAMING ELEMENTS ARE EQUALLY SPACED BETWEEN ADJACENT COLUMN CENTERLINES.

MAJOR OPENING LOCATIONS AND SIZES ARE INDICATED ON THE STRUCTURAL DRAWINGS - SMALLER OPENINGS AND SLEEVES REQUIRED TO ACCOMMODATE VARIOUS BUILDING SERVICES MAY NOT BE NOTED. CONTRACTOR TO VERIFY THE SIZE AND LOCATION OF ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING OPENINGS, INCLUDING CLEARANCE REQUIREMENTS CONTAINED IN THE RESPECTIVE DISCIPLINE DOCUMENTS FOR INSTALLATION AND IN-PLACE OPERATION OF THE RESPECTIVE EQUIPMENT OR ITEMS.

CONSULT ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND MANUFACTURERS SPEC SHEETS FOR LOCATIONS AND DIMENSIONS OF PADS, CURBS, EQUIPMENT SUPPORTS, DEPRESSIONS, INSERTS, DRIPS, REGLETS, REVEALS, FINISHES AND OTHER MISCELLANEOUS PROJECT REQUIREMENTS THAT NECESSITATE INCIDENTAL ACCOMMODATION BY THE BUILDING STRUCTURE BUT ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS.

- GENERAL

THE STRUCTURE HAS BEEN DESIGNED AS UNRESTRAINED FOR THE PURPOSE OF FIRE RATING AND FIREPROOFING ASSEMBLY EVALUATIONS.

STRUCTURAL COMPONENTS HAVE NOT BEEN DESIGNED FOR VIBRATORY EQUIPMENT UNLESS NOTED OTHERWISE. PLACE VIBRATORY EQUIPMENT AND EQUIPMENT SENSITIVE TO VIBRATIONS ON VIBRATION ISOLATORS SPECIFICALLY DESIGNED FOR THE EQUIPMENT.

ALL SYSTEMS, INCLUDING EXTERIOR FACADES AND FRAMING, WHICH ARE DESIGNED AND DETAILED BY COMPONENT SUPPLIERS, ARE ASSUMED TO IMPOSE VERTICAL AND/OR HORIZONTAL LOADS ON THE BASE BUILDING STRUCTURE WITHOUT CAUSING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS. COMPONENT SUPPLIERS ARE RESPONSIBLE FOR DESIGNING, FURNISHING AND INSTALLING SUPPLEMENTARY BRACING MEMBERS AS REQUIRED TO PREVENT THEIR SYSTEMS FROM CAUSING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS. WHERE PROVIDED, SUPPLEMENTARY BRACING SHALL NOT INTERFERE WITH ANY BUILDING SYSTEM NOTED OR DESCRIBED IN THE CONTRACT DOCUMENTS.

UNDER NO CIRCUMSTANCES MAY ANY STRUCTURAL ELEMENT BE PENETRATED, CUT, NOTCHED, BLOCKED-OUT, SLEEVED, CORE DRILLED, OR OTHERWISE FIELD MODIFIED OR REDUCED IN STRENGTH AFTER DELIVERY TO THE CONSTRUCTION SITE OR FINAL INCORPORATION IN THE BUILDING STRUCTURE UNLESS SUCH MODIFICATION IS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS, OR IS APPROVED IN ADVANCE IN WRITING BY THE ENGINEER OF RECORD.

► SYSTEM NOTES
- FOUNDATIONS AND EARTHWORK

REMOVE EXISTING SURFICIAL TOP SOIL AND VEGETATION FROM WITHIN THE BUILDING AREA AND A MINIMUM OF TEN FEET BEYOND. EXCAVATE MATERIAL TO PROPOSED SLAB-ON-GRADE SUBGRADE. PROOFROLL WITH A HEAVY RUBBER TIRED VEHICLE. SOILS WHICH HEAVE, PUMP, OR DO NOT READILY COMPACT SHALL BE EXCAVATED AND REPLACED WITH ENGINEERED FILL.

SUBGRADE PREPARATION FOR FOOTINGS SHALL CONSIST OF EXCAVATION TO REQUIRED ALLOWABLE BEARING CAPACITY SOILS AT OR NEAR DESIGN FOOTING ELEVATIONS. WHERE UNSUITABLE SOIL IS ENCOUNTERED AT NOMINAL BEARING DEPTH, SEE OVER EXCAVATION DETAIL.

ALL COMPACTION REQUIREMENTS REFER TO % OF MAXIMUM DRY DENSITY PER ASTM D-1557 MODIFIED PROCTOR. GRANULAR STRUCTURAL FILL BENEATH FOOTINGS SHALL BE PLACED IN LAYERS NO MORE THAN 8" THICK, AND EACH LAYER SHALL BE COMPACTED TO 95%. COHESIVE FILL APPROVED BY THE GEOTECHNICAL CONSULTANT SHALL BE PLACED IN LAYERS NO THICKER THAN 8", AND EACH LAYER SHALL BE COMPACTED TO 95%. MOISTURE CONDITION FILL MATERIALS AS REQUIRED TO OBTAIN PROPER COMPACTION. COHESIVE SOILS OR GRANULAR SOILS WITH A SIGNIFICANT PERCENT OF COHESIVE FINES SHALL BE CONDITIONED TO WITHIN 3% OF OPTIMUM MOISTURE CONTENT AT COMPACTION.

ALL ACTIVITIES CONCERNING PREPARATION AND VERIFICATION OF BEARING SOILS FOR SLAB-ON-GRADE AND FOOTINGS SHALL BE SUPERVISED AND APPROVED BY A QUALIFIED GEOTECHNICAL ENGINEER.

BACKFILL UNIFORMLY ON EACH SIDE OF FOUNDATION WALLS, GRADE BEAMS AND OTHER SIMILAR ELEMENTS. DO NOT BACKFILL AGAINST ANY STRUCTURAL ELEMENT UNTIL THAT ELEMENT HAS ATTAINED FULL DESIGN STRENGTH. DO NOT BACKFILL AGAINST BASEMENT WALLS UNTIL TOP AND BOTTOM OF WALL IS BRACED BY FLOOR FRAMING AND SLAB-ON-GRADE UNLESS NOTED OTHERWISE ON THE DRAWINGS.

TOP OF FOOTING ELEVATION NOTED ON DRAWINGS REPRESENT CONSIDERED ENGINEERING JUDGMENT BY THE ENGINEER OF RECORD ABOUT PROTECTION FROM FROST AND MINIMUM DEPTH TO SOILS CAPABLE OF PROVIDING DESIGN SOIL BEARING CAPACITY. UNCERTAINTIES INHERENT IN DETERMINING THE ELEVATION OF SOILS ADEQUATE TO PROVIDE DESIGN BEARING CAPACITY MAY REQUIRE FOUNDATIONS TO BE LOWERED – IN NO CASE SHALL TOP OF FOOTING BE HIGHER THAN NOTED. A GEOTECHNICAL ENGINEER SHALL VERIFY THAT SOIL AT THE FOOTING BASE IS ADEQUATE TO PROVIDE THE REQUIRED DESIGN SOIL BEARING CAPACITY.

- CAST-IN-PLACE CONCRETE

DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF ACI 318–14 USING STRENGTH DESIGN METHODOLOGY, EXCEPT WHERE MORE RESTRICTIVE REQUIREMENTS ARE NOTED.

REINFORCING CLEAR COVER SHALL BE AS NOTED BELOW UNLESS SPECIFICALLY NOTED OTHERWISE ON STRUCTURAL DRAWINGS.

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
CONCRETE EXPOSED TO EARTH OR WEATHER	
#3 - #5 BARS	1 1/2"
#6 - #18 BARS	2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER	
WALLS - #3 THRU #11 BARS	3/4"
WALLS - #14 THRU #18 BARS	1 1/2"
COLUMN TIES	1 1/2"
COLUMN MAIN REINFORCING	2"

PROVIDE (2) #5 BARS AROUND ALL OPENINGS AND (2) #5 DIAGONAL BARS AT ALL OPENING AND RE-ENTRANT CORNERS. BARS SHALL EXTEND A MINIMUM OF 24" PAST OPENING.

ALL BAR SPLICES SHALL BE CONTACT LAP SPLICED USING CLASS B TENSION LAP LENGTHS, WITH ADJACENT LAPS STAGGERED A MINIMUM OF 3'-0" UNLESS DETAILED OTHERWISE. SEE REINFORCEMENT TABLES FOR REQUIRED LAP AND DEVELOPMENT LENGTHS.

FIELD WELDING OF ASTM A615 REINFORCING STEEL IS NOT PERMITTED. FIELD BENDING OF REINFORCING STEEL IS NOT PERMITTED EXCEPT WHERE SPECIFICALLY DETAILED ON STRUCTURAL DRAWINGS.

CORING OF COLUMNS, WALLS, BEAMS, JOISTS AND SLABS IS NOT PERMITTED. PROVIDE STEEL SLEEVES FOR ALL PENETRATIONS AT ALL LOCATIONS APPROVED BY THE ENGINEER OF RECORD PRIOR TO PLACING CONCRETE.

ALL CONCRETE SUBJECT TO EXTERIOR EXPOSURE SHALL BE AIR ENTRAINED 6% (±1.0%).

STRUCTURAL SYNTHETIC FIBERS (ASTM C 1116 TYPE III) SHALL BE BETWEEN 1.38" - 2", WITH AN ASPECT RATIO BETWEEN 60 AND 100.

MAXIMUM COARSE AGGREGATE SIZE FOR FOOTINGS IS 1 1/2", ALL OTHER CONCRETE SHALL HAVE A MAXIMUM COARSE AGGREGATE SIZE OF 3/4".

INTERIOR SLABS ON GRADE: INSTALL VAPOR RETARDER UNDER INTERIOR SLABS ON GRADE. SHEET SHALL LAP UP AT ALL WALL SURFACES AND BE SECURED BY TAPE OR WITH CONTROL JOINT MATERIAL WHERE IT IS INDICATED TO BE INSTALLED. LAP JOINTS MINIMUM OF 6". SEAL JOINTS, SEAMS, AND PENETRATIONS WATERTIGHT WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. REPAIR DAMAGED VAPOR RETARDER BEFORE COVERING.

ADDITION OF WATER OR ADMIXTURES TO CONCRETE ON SITE WITHOUT THE WRITTEN APPROVAL OF ARCHITECT/ENGINEER IS PROHIBITED AND SHALL BE GROUNDS FOR REJECTION.

- CONDUIT AND SLEEVES IN CONCRETE

THE USE OF ALUMINUM CONDUITS EMBEDDED IN STRUCTURAL CONCRETE ELEMENTS (COLUMNS, WALLS, BEAMS, AND SUSPENDED SLABS, INCLUDING SLABS-ON-METAL DECK) IS PROHIBITED.

WHERE SPECIFICALLY APPROVED IN WRITING BY THE ENGINEER OF RECORD PRIOR TO THE PLACEMENT OF SLEEVES, CONDUIT OF ANY TYPE MAY PASS PERPENDICULARLY THROUGH A STRUCTURAL CONCRETE ELEMENT PROVIDED THAT A SCHEDULE 40 STEEL SLEEVE IS PROVIDED WITH AN INSIDE DIAMETER NO LESS THAN 1" LARGER THAN THE CONDUIT OUTSIDE DIAMETER. APPROVAL WILL GENERALLY NOT BE GIVEN FOR SLEEVE PENETRATIONS THROUGH CONCRETE COLUMNS AND BEAMS, AND FOR CONDUIT GROUPS WITH A COMBINED DIAMETER GREATER THAN 12" AT ONE LOCATION THROUGH SLABS, UNLESS SPECIFICALLY INCORPORATED BY REFERENCE IN THE DRAWINGS.

CONDUITS EMBEDDED IN STRUCTURAL CONCRETE ELEMENTS, SHALL SATISFY THE FOLLOWING CRITERIA:
- THEY ARE UNCOATED OR GALVANIZED IRON OR STEEL NOT THINNER THAN STANDARD SCHEDULE 40 STEEL PIPE.
- THEY SHALL NOT BE LARGER IN OUTSIDE DIAMETER THAN 1/3 THE OVERALL THICKNESS OF THE SLAB, WALL OR BEAM IN WHICH THEY ARE EMBEDDED, OR 4" OUTSIDE DIAMETER, WHICHEVER IS SMALLER. FOR SLABS-ON-METAL DECK, THICKNESS SHALL BE THE CONCRETE DEPTH ABOVE FLUTES.
- SPECIFIED CONCRETE COVER FOR PIPES, CONDUITS AND FITTINGS SHALL NOT BE LESS THAN 2" FOR CONCRETE EXPOSED TO EARTH OR WEATHER, NOR LESS THAN 1" FOR CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND.
- MULTIPLE CONDUITS SHALL NOT BE CLOSELY GROUPED. WHERE IT IS DESIRED TO PLACE MULTIPLE CONDUITS CLOSELY TOGETHER, INDIVIDUAL CONDUITS SHALL NOT BE SPACED CLOSER THAN FOUR OUTSIDE DIAMETERS OF THE LARGEST CONDUIT IN THE GROUP ON CENTER. NO MORE THAN FOUR (4) CONDUITS MAY BE PLACED IN A GROUP. CONDUIT GROUPS SHALL BE SEPARATED BY A MINIMUM CLEAR DISTANCE OF 30 INCHES.
- CONDUITS MAY NOT BE STACKED VERTICALLY.
- PIPING AND CONDUIT SHALL BE FABRICATED AND INSTALLED SO THAT CUTTING, BENDING OR DISPLACEMENT OF REINFORCEMENT OR OTHER EMBEDMENTS FROM THEIR PROPER LOCATION WILL NOT BE REQUIRED.
- DO NOT TIE CONDUIT TO REINFORCEMENT STEEL. PROVIDE A MINIMUM OF 2" CLEARANCE FOR CONCRETE FLOW BETWEEN CONDUIT AND REINFORCEMENT STEEL.
- IN SOLID SLABS CONDUIT SHALL BE PLACED BETWEEN TOP AND BOTTOM REINFORCEMENT IN CENTER THIRD OF SLAB. USE HIGH CHAIRS OR SLAB BOLSTERS TO SUPPORT CONDUIT.
- CONDUITS MAY CROSS ONE ANOTHER (TWO LAYERS MAXIMUM), SUBJECT TO THE LIMITATIONS NOTED ABOVE. TOTAL THICKNESS OF CONDUIT LAYERS AT ANY POINT SHALL MEET THE REQUIREMENTS OF A SINGLE CONDUIT NOTED ABOVE.

STANDARD ABBREVIATIONS:

AB	ANCHOR BOLT (ROD)	LLBB	LONG LEG BACK TO BACK
AHU	AIR HANDLING UNIT	LLH	LONG LEG HORIZONTAL
ALT	ALTERNATE	LLV	LONG LEG VERTICAL
APPROX	APPROXIMATELY	LP	LOW POINT
ARCH	ARCHITECTURAL	LSB	CLASS 'B' BAR LAP
BF	BOTTOM OF FOOTING	LSL	LAMINATED STRAND LUMBER
BS	BOTTOM OF STEEL	LTWT	LIGHTWEIGHT
BC	BOTTOM CHORD	LVL	LAMINATED VENEER LUMBER
BLDG	BUILDING	LW	LONG WAY
BRG	BEARING	MAX	MAXIMUM
BTWN	BETWEEN	MECH	MECHANICAL
CB	CATCH BASIN	MFR	MANUFACTURER
CIP	CAST-IN-PLACE	MIN	MINIMUM
CJ	CONTROL JOINT	MISC	MISCELLANEOUS
CL	CENTER LINE	MO	MASONRY OPENING
CLR	CLEAR (DISTANCE)	MS	MIDDLE STRIP
CMU	CONCRETE MASONRY UNIT	NA	NOT APPLICABLE
COL	COLUMN	NIC	NOT IN CONTRACT
CONC	CONCRETE	NOM	NOMINAL
CONT	CONTINUOUS	NTS	NOT TO SCALE
CS	COLUMN STRIP	OC	ON CENTER
DBA	DEFORMED BAR ANCHOR OR DECK BEARING ANGLE	OD	OUTSIDE DIAMETER
		OF	OUTSIDE FACE
DBE	DECK BEARING ELEVATION	OPNG	OPENING
DEMO	DEMOLITION / DEMOLISH	OPP	OPPOSITE
DIA	DIAMETER	OSL	OUTSTANDING LEG
DL	DEAD LOAD	PC	PRECAST / PRESTRESSED
DWG	DRAWING	PCI	POUNDS PER CUBIC INCH
EOD	EDGE OF DECK	PDF	POUNDS PER CUBIC FOOT
EOS	EDGE OF SLAB	PL	PLATE
EF	EACH FACE	PLBG	PLUMBING
EJ	EXPANSION JOINT	PLF	POUNDS PER LINEAR FOOT
EL	ELEVATION	PROJ	PROJECTION
ELEC	ELECTRICAL	PSF	POUNDS PER CUBIC FOOT
ENG	ENGINEER	PSI	POUNDS PER SQUARE INCH
EQ	EQUAL	PT	PRE (POST) -TENSIONED
ES	EDGE STRIP	RD	ROOF DRAIN
EW	EACH WAY	REF	REFERENCE
EWEF	EACH WAY EACH FACE	REINF	REINFORCE(D)
EXP	EXPANSION	REM	REMAINDER
EXT	EXTERIOR	RTU	ROOF TOP UNIT
EXTG or (e)	EXISTING	SC	SLIP CRITICAL
FD	FLOOR DRAIN	SCHED	SCHEDULE
FLG	FLANGE	SHT	SHEET
FLR	FLOOR	SIM	SIMILAR
FND	FOUNDATION	SL	SNOW LOAD
FTG	FOOTING	SLBB	SHORT LEGS BACK TO BACK
FRMG	FRAMING	SOG	SLAB-ON-GRADE
FUT	FUTURE	SPA	SPAC(ES)(ED)(ING)
FV	FIELD VERIFY	SPEC	SPECIFICATION(S)
GA	GAUGE	SQ	SQUARE
GALV	GALVANIZED	SS	STAINLESS STEEL
GC	GENERAL CONTRACTOR	STD	STANDARD
GLULAM	GLUE-LAMINATED BEAM(S)	SW	SHORT WAY
GT	GIRDER TRUSS	TF	TOP OF FOOTING
HK	HOOK	TL	TOP OF LEDGE
HORIZ	HORIZONTAL	TP	TOP OF PIER
HP	HIGH POINT	TS	TOP OF STEEL
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING	TW	TOP OF WALL
		TC	TENSION CONTROL
HWS	HEADED WELDED STUD(S)	TC	TOP CHORD
ID	INSIDE DIAMETER	THK	THICK (NESS) (ENED)
IF	INSIDE FACE	TL	TOTAL LOAD
INT	INTERIOR	TYP	TYPICAL
JBE	JOIST BEARING ELEVATION	UNO	UNLESS NOTED OTHERWISE
K	KIP	VERT	VERTICAL
KO	KNOCKOUT PANEL	VIF	VERIFY IN FIELD
KSI	KIPS PER SQUARE INCH	VWA	VERIFY WITH ARCHITECT
L	ANGLE	WL	WIND LOAD
LB	POUNDS	WP	WORKING POINT
LL	LIVE LOAD	WWF	WELDED WIRE FABRIC

COMPONENTS AND CLADDING WIND PRESSURES (PSF)

ZONE	WIND AREA (SF)	ROOF SLOPE 0° TO 7° (+)	0° TO 7° (-)	7° TO 27° (+)	7° TO 27° (-)	27° TO 45° (+)	27° TO 45° (-)	ZONE	WIND AREA (SF)	(+)	(-)
1	10	9.7	23.8	13.7	21.8	21.8	23.8	4	10	23.8	25.8
1	20	9.1	23.2	12.5	21.2	21.2	22.6	4	20	22.7	24.7
1	50	8.3	22.4	10.9	20.4	20.4	21.0	4	50	21.3	23.3
1	100	7.7	21.8	9.7	19.8	19.8	19.8	4	100	20.2	22.2
2	10	9.7	39.9	13.7	37.9	21.8	27.8	5	10	23.8	31.9
2	20	9.1	35.7	12.5	34.9	21.2	26.6	5	20	22.7	29.7
2	50	8.3	30.1	10.9	30.9	20.4	25.0	5	50	21.3	26.9
2	100	7.7	25.8	9.7	27.8	19.8	23.8	5	100	20.2	24.7
3	10	9.7	60.1	13.7	56.0	21.8	27.8				
3	20	9.1	49.8	12.5	52.4	21.2	26.6				
3	50	8.3	36.1	10.9	47.6	20.4	25.0				
3	100	7.7	25.8	9.7	44.0	19.8	23.8				

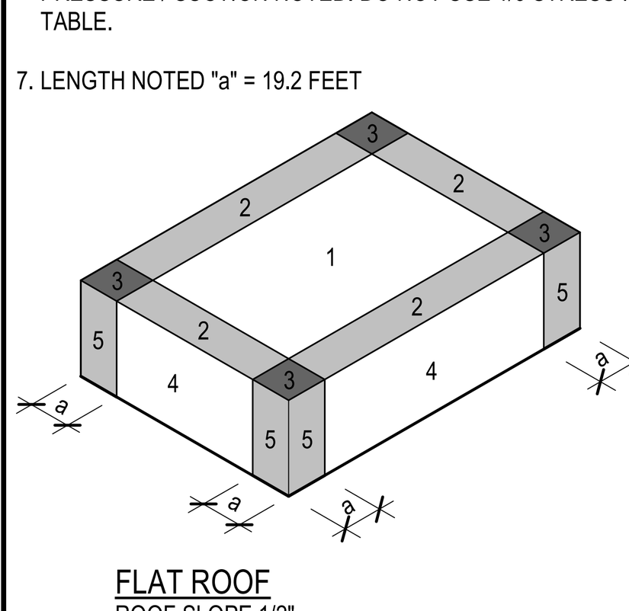
ADJUSTMENT FACTOR (λ)

MEAN ROOF HEIGHT (FT)	EXPOSURE B	EXPOSURE C
15	1.00	1.21
20	1.00	1.29
25	1.00	1.35
30	1.00	1.40
35	1.05	1.45
40	1.09	1.49
45	1.12	1.53
50	1.16	1.56
55	1.19	1.59
60	1.22	1.62

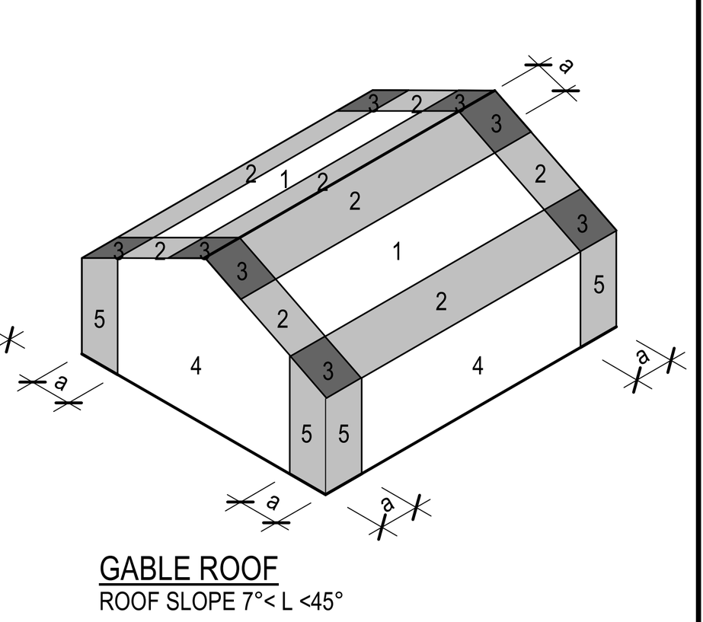
(-) WIND PRESSURE ON ROOF OVERHANGS

LOCATION	WIND AREA (SF)	ROOF SLOPE 0° TO 7° ZONE 2	0° TO 7° ZONE 3	7° TO 27° ZONE 2	7° TO 27° ZONE 3	27° TO 45° ZONE 2	27° TO 45° ZONE 3
OVERHANG	10	54.3	56.5	44.4	74.6	40.3	40.3
OVERHANG	20	33.7	44.3	44.4	67.3	39.1	39.1
OVERHANG	50	32.9	28.8	44.4	57.1	37.5	37.5
OVERHANG	100	32.3	16.1	44.4	50.4	36.3	36.3

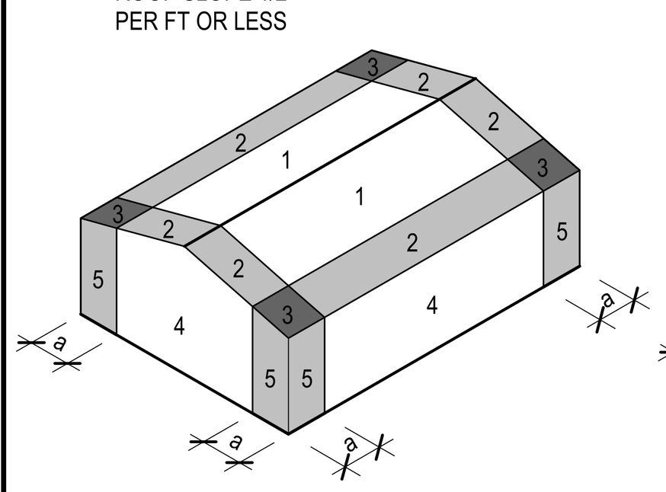
NOTES:
1. TABULATED LOADS ARE BASED ON ASCE 7-10 SIMPLIFIED PROVISIONS FOR ENCLOSED REGULAR-SHAPED BUILDINGS WITH THE FOLLOWING PARAMETERS: WIND SPEED = 115 MPH, MEAN ROOF HEIGHT = 30'-0", EXPOSURE B, K_{zt} = 1.0.
2. FOR DIFFERENT MEAN ROOF HEIGHTS OR EXPOSURES, TABULATED VALUES SHALL BE MULTIPLIED BY THE ADJUST FACTOR (λ) CONTAINED WITHING THE ABOVE TABLE.
3. FOR WIND PRESSURES BELOW 16 PSF AFTER ALL ADJUSTMENT FACTORS HAVE BEEN TAKEN INTO ACCOUNT, A MINIMUM WIND PRESSURE OF 16 PSF SHALL BE USED FOR DESIGN. THOSE PRESSURES INDICATED BY ☐ IN THE ABOVE TABLE ARE THOSE THAT FALL BELOW THE MINIMUM VALUE BASED ON NO ADJUSTMENTS.
4. WIND PRESSURES INDICATED ARE STRENGTH LEVEL VALUES.
5. TABLE LEGEND:
   - (+) = POSITIVE (INWARD) PRESSURE
   - (-) = NEGATIVE (OUTWARD) PRESSURE
   - SF = SQUARE FEET
6. 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.
7. LENGTH NOTED "a" = 19.2 FEET



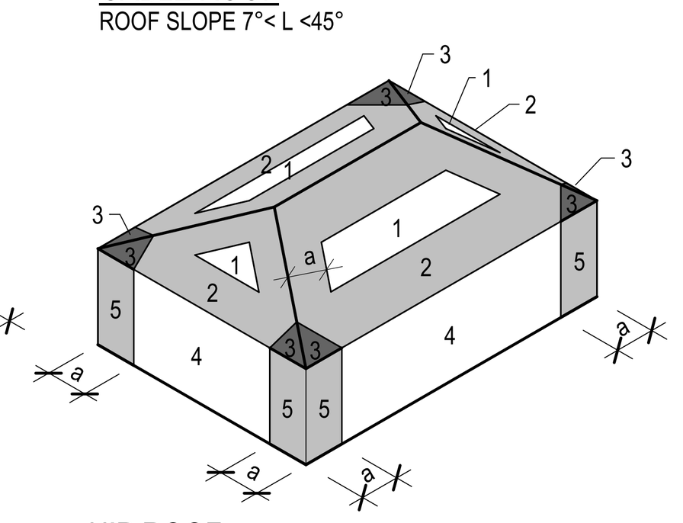
FLAT ROOF
ROOF SLOPE 1/2" PER FT OR LESS



GABLE ROOF
ROOF SLOPE 7°< L <45°



GABLE ROOF
ROOF SLOPE 0°< L <7°



HIP ROOF
ROOF SLOPE 7°< L <27°

UNCOATED TENSION DEVELOPMENT & CLASS "B" LAP SPLICE SCHEDULE (f'c = 3,000 psi)

BAR SIZE	TENSION DEVELOPMENT LENGTH: CLR COV = .75" BOT BARS	CLR COV = .75" TOP BARS	CLR COV = 1" BOT BARS	CLR COV = 1" TOP BARS	CLR COV = 1.5" BOT BARS	CLR COV = 1.5" TOP BARS	CLASS "B" TENSION LAP LENGTH: CLR COV = .75" BOT BARS	CLR COV = .75" TOP BARS	CLR COV = 1" BOT BARS	CLR COV = 1" TOP BARS	CLR COV = 1.5" BOT BARS	CLR COV = 1.5" TOP BARS
#3	12	13	12	13	12	13	13	17	13	17	13	17
#4	17	22	13	17	13	17	22	28	17	23	17	23
#5	24	32	20	26	17	22	32	41	26	33	22	28
#6	33	43	27	35	20	26	43	56	35	46	26	34
#7	53	69	44	57	33	43	69	90	57	74	43	55
#8	66	86	55	72	41	54	86	111	72	93	54	70
#9	80	104	67	87	51	66	104	135	87	113	66	86
#10	96	125	81	106	62	81	125	162	106	137	81	105
#11	113	146	96	125	74	97	146	190	125	162	97	125

SCHEDULE NOTES:
1) BASED ON:
   1a. GRADE 60 REINFORCEMENT BARS.
   1b. NORMAL WEIGHT CONCRETE.
   1c. FOR BARS IN WALLS AND SLABS.
2) TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE BELOW THE BARS.
3) FOR LIGHTWEIGHT CONCRETE, MULTIPLY TABLED VALUES BY 1.33.

THIS SCHEDULE IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR AND IS NOT INTENDED TO COVER ALL SITUATIONS. SHOP DRAWINGS SHALL CLEARLY INDICATE ALL REQUIRED LAP LENGTHS.

UNCOATED TENSION DEVELOPMENT & CLASS "B" LAP SPLICE SCHEDULE (f'c = 4,000 psi)

BAR SIZE	TENSION DEVELOPMENT LENGTH: CLR COV = .75" BOT BARS	CLR COV = .75" TOP BARS	CLR COV = 1" BOT BARS	CLR COV = 1" TOP BARS	CLR COV = 1.5" BOT BARS	CLR COV = 1.5" TOP BARS	CLASS "B" TENSION LAP LENGTH: CLR COV = .75" BOT BARS	CLR COV = .75" TOP BARS	CLR COV = 1" BOT BARS	CLR COV = 1" TOP BARS	CLR COV = 1.5" BOT BARS	CLR COV = 1.5" TOP BARS
#3	12	12	12	12	12	12	12	15	12	15	12	15
#4	15	19	12	15	12	15	19	24	15	20	15	20
#5	21	28	17	22	15	19	28	36	22	29	19	24
#6	29	37	24	31	17	22	37	48	31	40	22	29
#7	46	60	38	50	28	37	60	78	50	64	37	48
#8	57	74	48	62	36	47	74	96	62	80	47	60
#9	69	90	58	76	44	57	90	117	76	98	57	74
#10	83	108	70	92	54	70	108	140	92	119	70	91
#11	98	127	83	108	64	84	127	165	108	141	84	109

SCHEDULE NOTES:
1) BASED ON:
   1a. GRADE 60 REINFORCEMENT BARS.
   1b. NORMAL WEIGHT CONCRETE.
   1c. FOR BARS IN WALLS AND SLABS.
2) TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE BELOW THE BARS.
3) FOR LIGHTWEIGHT CONCRETE, MULTIPLY TABLED VALUES BY 1.33.

THIS SCHEDULE IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR AND IS NOT INTENDED TO COVER ALL SITUATIONS. SHOP DRAWINGS SHALL CLEARLY INDICATE ALL REQUIRED LAP LENGTHS.

STRUCTURAL SHEET INDEX

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN
HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:
raSmith
CREATIVITY BEYOND ENGINEERING
4001 Felland Road, Suite 108
Madison, WI 53718-6459
(608)467-3034
rasmith.com
project number: 2210619

Project Title: OLYMPIC BUILDERS HEAVENLY CROSSROADS SALON

Project Location: BERLIN DRIVE LA CROSSE, WI 54603

Sheet Title: STRUCTURAL NOTES

HSR Project Number: 21030

Project Date: DECEMBER 2021

Drawn By: JDL

Key Plan:

CONSTRUCTION DOCUMENTS

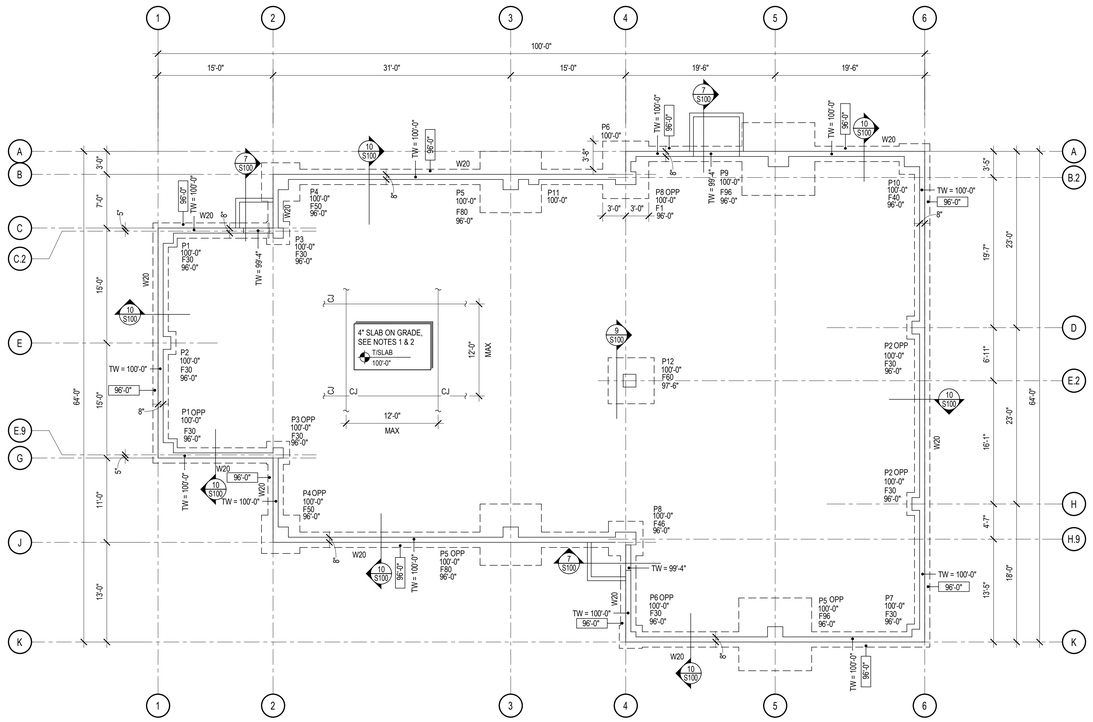
Revisions:

No.	Description	Date

Graphic Scale: VARIES

Last Update: 12/21/2021 12:41:48 PM

S001

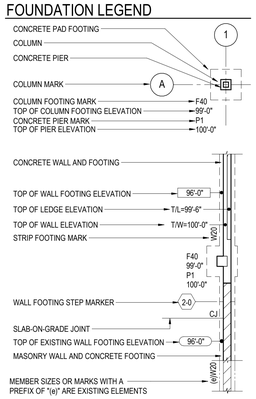


1 S100 **FOUNDATION PLAN**
SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES

1. FINISH SLAB ELEVATION = 100'-0". LOCAL DATUM UNLESS NOTED OTHERWISE. TOP OF FOOTING ELEVATION = 96'-0" UNLESS NOTED OTHERWISE.
2. SLAB-ON-GRADE TO BE 4" THICK WITH SYNTHETIC FIBERS - 5# PER CY (SEE NOTE SHEET) VAPOR RETARDER ON 6" 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.
4. CONTRACTOR TO CONFIRM PEMB ANCHOR SETTINGS TO MATCH COLUMN LAYOUT AND PLACEMENT SHOWN ON THE PLAN PRIOR TO PLACING CONCRETE OR SETTING ANCHORS.
5. FIELD VERIFY ALL EXISTING FOOTING AND WALL LOCATIONS AND ELEVATIONS.
6. SEE ARCH FOR LOCATION AND SIZE OF ALL DOOR OPENINGS AND REQUIRED STOOP DIMENSIONS.
7. OVER-EXCAVATION PER DETAIL 2/S100 MAY BE REQUIRED TO REMOVE EXISTING UNDOCUMENTED FILL AND UNSUITABLE BEARING SOIL.
8. TYPICAL DETAILS THAT APPLY TO PLAN INCLUDE:
   3/S100 PIPE PASSING UNDER WALL FOOTING
   4/S100 SLAB-ON-GRADE CONSTRUCTION & CONTROL JOINTS
   5/S100 CONCRETE WALL JOINT DETAIL
   6/S100 CORNER REINFORCING DETAIL
   8/S100 CONCRETE WALL OPENING DETAIL

FOUNDATION LEGEND



CONTINUOUS FOOTING SCHEDULE

MARK	CONTINUOUS FOOTING DIMENSIONS WIDTH	THICKNESS	FOOTING REINFORCEMENT	REMARKS
W20	2'-0"	12"	(3) #5; B, CONT	

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

ISOLATED FOOTING SCHEDULE

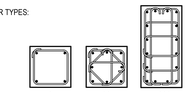
MARK	ISOLATED FOOTING DIMENSIONS LENGTH	WIDTH	THICKNESS	FOOTING REINFORCEMENT	REMARKS
F1	7'-6"	6'-0"	12"	(6) #5; B, SW, (7)#5; B, LW	
F30	3'-0"	3'-0"	12"	(3) #5; B, EW	
F40	4'-0"	4'-0"	12"	(4) #5; B, EW	
F46	4'-6"	4'-6"	12"	(5) #5; B, EW	
F50	5'-0"	5'-0"	12"	(5) #5; B, EW	
F60	6'-0"	6'-0"	24"	(6) #5; T&B, EW	
F80	8'-0"	8'-0"	12"	(8) #5; B, EW	
F96	9'-6"	9'-6"	12"	(10) #5; B, EW	

NOTES:
1. B = BOTTOM, T = TOP, LW = LONG WAY, SW = SHORT WAY, EW = EACH WAY.
2. CENTER FOOTING UNDER PIER UNLESS NOTED OTHERWISE ON PLAN.
3. FOOTINGS ARE SIZED BASED ON REACTIONS DATED 11/15/2021. NOTIFY RASMITH IF UPDATED REACTIONS OR ANCHOR BOLT PLAN ARE ISSUED.
4. ALL REINFORCEMENT BARS TO BE BOTTOM BARS UNLESS NOTED OTHERWISE.

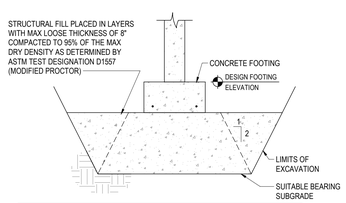
CONCRETE PIER SCHEDULE

MARK	PIER DIMENSIONS X	Y	PIER TYPE	REINFORCEMENT VERTICAL	TIES	REMARKS
P1	24"	24"	II	(8) #6	#3 @ 12" oc	SEE 1/S800
P2	20"	20"	II	(6) #6	#3 @ 12" oc	SEE 2/S800
P3	16"	16"	I	(4) #6	#3 @ 12" oc	SEE 3/S800
P4	24"	24"	II	(8) #6	#4 @ 12" OC	SEE 4/S800
P5	24"	24"	II	(8) #6	#4 @ 12" oc	SEE 5/S800
P6	16"	16"	I	(4) #6	#3 @ 12" oc	SEE 6/S800
P7	20"	20"	II	(6) #6	#3 @ 12" oc	SEE 7/S800
P8	32"	20"	III	(8) #6	#3 @ 12" oc	SEE 8/S800
P9	32"	24"	III	(9) #6	#4 @ 12" oc	SEE 9/S800
P10	32"	24"	II	(10) #6	#3 @ 12" oc	SEE 10/S810
P11	16"	16"	I	(4) #6	#3 @ 12" oc	SEE 11/S800
P12	20"	20"	II	(6) #6	#3 @ 12" oc	SEE 12/S800

NOTES:
1. PIERS TO BE CENTERED ON BUILDING GRID LINE(S), UNLESS NOTED OTHERWISE.
2. REFERENCE DETAIL 9/S100 FOR TYPICAL PIER INFORMATION.
3. CAST PIER MONOLITHICALLY WITH FOUNDATION WALL. SIZES SHOWN INCLUDE FOUNDATION WALL.
4. ALL WALL HORIZONTAL REINFORCING TO RUN CONTINUOUS THRU PIERS.
5. ALL PIERS TO HAVE (4) SETS OF TIES IN THE TOP 12".
6. PIERS ARE SIZED BASED ON REACTIONS DATED 11/15/2021. NOTIFY EOR IF UPDATED REACTIONS OR ANCHOR BOLT PLAN ARE ISSUED.
7. PIER TYPES:



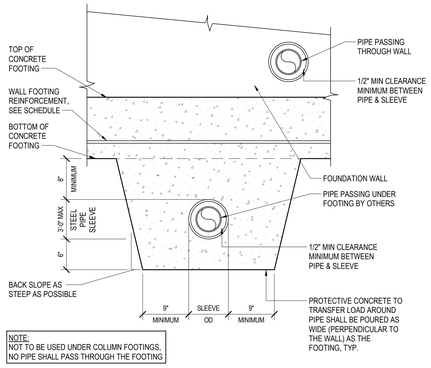
PROVIDE 2" CLEAR COVER AT ALL PIER TYPES



NOTES:
CONTRACTOR AT HIS/HER OPTION MAY ELIMINATE STRUCTURAL FILL BY LOWERING DESIGNED FOOTING ELEVATION SO THAT FOOTING RESTS DIRECTLY ON SUITABLE BEARING SUBGRADE.

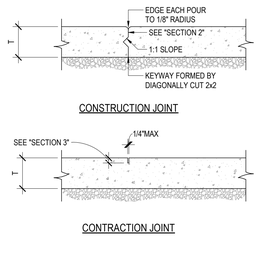
THIS DETAIL APPLIES ONLY AT THOSE LOCATIONS WHERE GEOTECH ENGINEER DEEMS SOILS AT DESIGNED FOOTING ELEVATIONS ARE INADEQUATE FOR FOOTING SUPPORT. WHERE THIS WORK IS REQUIRED, CONTRACTOR WILL BE COMPENSATED ON A PRE-ESTABLISHED UNIT COST AGREED UPON BY THE CONTRACTOR, ARCHITECT/ENGINEER, AND OWNER.

2 S100 **OVER EXCAVATION DETAIL**
SCALE: 1/2" = 1'-0"



NOTE:
NOT TO BE USED UNDER COLUMN FOOTINGS, NO PIPE SHALL PASS THROUGH THE FOOTING

3 S100 **PIPE PASSING UNDER WALL FOOTING**
SCALE: 1" = 1'-0"



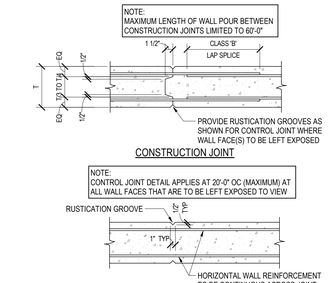
SECTION 1: SLAB-ON-GRADE NOTES
- SLAB-ON-GRADE TO BE PLACED USING ALTERNATING STRIPS IF SLAB NOT PLACED USING LASER SCREED.
- SLAB-ON-GRADE CONSTRUCTION SHOULD CONFORM WITH THE RECOMMENDATIONS AND REQUIREMENTS SET FORTH IN THE LATEST RELEASE OF ACI 302 GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION.
- REFER TO THE GENERAL NOTES, THE SPECIFICATIONS, AND THE DRAWINGS FOR SUB-FLOOR DRAINAGE SYSTEM, SUBGRADE PREPARATION, AND/OR MUD SLAB AND VAPOR RETARDER REQUIREMENTS.
- THE SUBGRADE SHALL BE FREE OF STANDING WATER AT THE TIME OF CONCRETE PLACEMENT.
- REFER TO PLANS FOR SLAB THICKNESS (T) AND REINFORCEMENT (WWF OR REINFORCEMENT BARS). REFER TO SPECIFICATIONS FOR FIBER REINFORCEMENT TO BE INCORPORATED IN CONCRETE MIX, IF ANY. WHERE PRESENT, REINFORCING BARS SHALL BE CHAIRED BY SOIL SUPPORTED SLAB BOLSTERS.
- PROVIDE (2) #5 x6'-0" AT ALL RE-ENTRANT CORNERS AND OTHER SIMILAR SLAB DISCONTINUITIES.
- UNLESS SHOWN OTHERWISE ON THE DRAWINGS, PROVIDE CONTRACTION AND/OR CONSTRUCTION JOINTS AT EVERY COLUMN LINE AND IN BETWEEN THE COLUMNS SUCH THAT THE JOINT SPACING DOES NOT EXCEED 30x(T) UNO. THE RESULTING PANELS SHOULD BE APPROXIMATELY SQUARE.

SECTION 2: CONSTRUCTION JOINT NOTES
- BREAK THE BOND BETWEEN NEW AND PREVIOUSLY PLACED SLABS BY SPRAYING OR BY PAINTING THE EXPOSED SIDE OF THE JOINT WITH A CURING COMPOUND, ASPHALTIC EMULSION, OR FORM OIL.

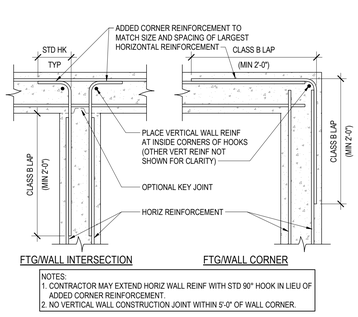
SECTION 3: CONTRACTION JOINT NOTES
- FOR SAW-CUT CONTRACTION JOINTS, MAKE THE SAW-CUT AS SOON AS THE SLAB IS ABLE TO SUPPORT THE WEIGHT OF WORKERS AND SAWING EQUIPMENT WITHOUT DAMAGE TO THE FINISHED SURFACE OF THE SLAB, BUT WITHIN 24 HOURS.
- DEPTH OF SAW-CUT SHOULD BE 1-1/4" IF PRODUCED USING THE EARLY ENTRY DRY-CUT PROCESS AND T/4 (1" MIN) IF PRODUCED USING THE CONVENTIONAL WET-CUT PROCESS.
- REFER TO SPECIFICATIONS REGARDING EPOXY RESIN OR ELASTOMERIC SEALANT FOR REQUIREMENTS AT CONTRACTION JOINTS.

SECTION 4: FORMED CONTRACTION JOINT OPTION NOTES
- FORM CONTRACTION JOINTS BY INSERTING A PRE-MOLDED STRIP INTO THE FRESH CONCRETE UNTIL THE TOP SURFACE OF THE STRIP IS FLUSH WITH THE TOP SURFACE OF THE SLAB.
- TOOL THE SLAB EDGES ROUND ON EACH SIDE OF THE INSERT, 1/8" MAX RADIUS.
- AFTER THE CONCRETE HAS CURED, REMOVE THE INSERTS AND CLEAN THE GROOVE OF LOOSE DEBRIS.

4 S100 **TYPICAL CONSTRUCTION AND CONTRACTION JOINTS IN SLAB-ON-GRADE - KEYWAY JOINT**
SCALE: 1" = 1'-0"

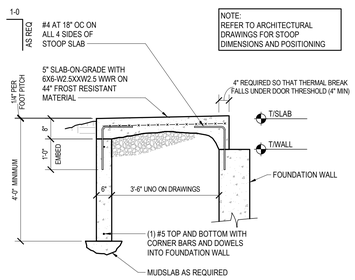


5 S100 **TYPICAL CONCRETE WALL JOINTS**
SCALE: 1" = 1'-0"

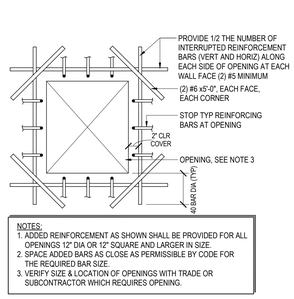


NOTES:
1. CONTRACTOR MAY EXTEND HORIZ WALL REINF WITH STD 90° HOOK IN LIEU OF ADDED CORNER REINFORCEMENT.
2. NO VERTICAL WALL CONSTRUCTION JOINT WITHIN 5'-0" OF WALL CORNER.

6 S100 **TYPICAL CONCRETE WALL AND FOOTING CORNER REINFORCEMENT**
SCALE: 1" = 1'-0"

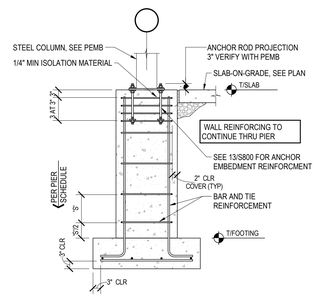


7 S100 **TYPICAL STOOP DETAIL**
SCALE: 1/2" = 1'-0"

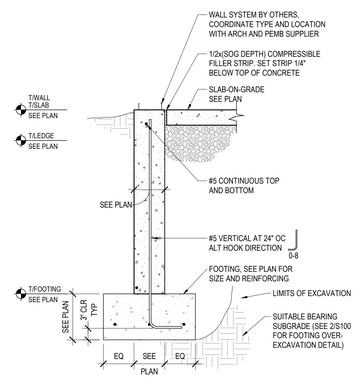


NOTES:
1. ADDED REINFORCEMENT AS SHOWN SHALL BE PROVIDED FOR ALL OPENINGS 12" DIA OR 12" SQUARE AND LARGER IN SIZE.
2. SPACE ADDED BARS AS CLOSE AS PERMISSIBLE BY CODE FOR THE REQUIRED BAR SIZE.
3. VERIFY SIZE & LOCATION OF OPENINGS WITH TRADE OR SUBCONTRACTOR WHICH REQUIRES OPENING.

8 S100 **ADDED REINF AT WALL OPENING**
SCALE: 1" = 1'-0"



9 S100 **TYPICAL CONCRETE PIER**
SCALE: 1/2" = 1'-0"



10 S100 **CONCRETE FROST WALL AT 10" PANEL**
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
www.hsrassociates.com

Consultant:
raSmith
CREATIVITY BEYOND ENGINEERING
4001 Felland Road, Suite 108
Madison, WI 53718-6459
(608)467-3034
rasmith.com
project number: 2210619

Project Title: **OLYMPIC BUILDERS**
HEAVENLY CROSSROADS SALON

Project Location: **BERLIN DRIVE**
LA CROSSE, WI 54603

Sheet Title: **FOUNDATION PLAN**

HSR Project Number: **21030**

Project Date: **DECEMBER 2021**

Drawn By: **JDL**

Key Plan:

CONSTRUCTION DOCUMENTS

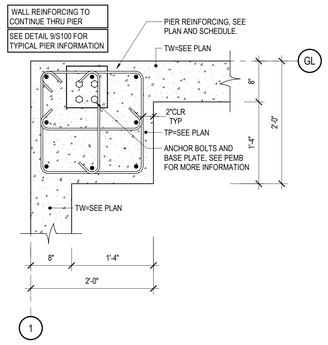
Revisions:

No.	Description	Date

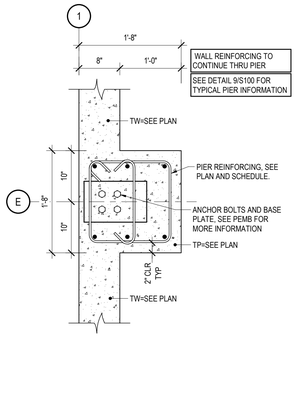
Graphic Scale: **VARIES**

Last Update: **12/21/2021 12:41:49 PM**

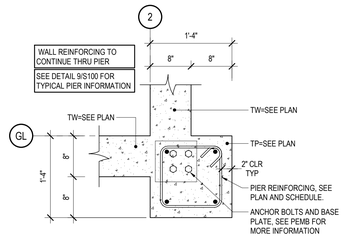
S100



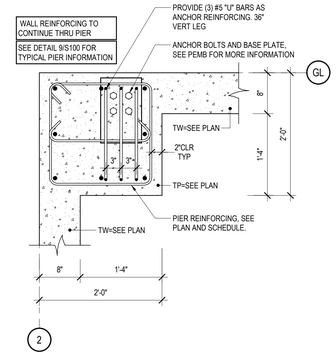
1 S800 **P1 - PIER DETAIL**
SCALE: 1" = 1'-0"



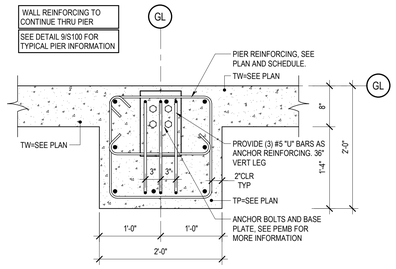
2 S800 **P2 - PIER DETAIL**
SCALE: 1" = 1'-0"



3 S800 **P3 - PIER DETAIL**
SCALE: 1" = 1'-0"



4 S800 **P4 - PIER DETAIL**
SCALE: 1" = 1'-0"



5 S800 **P5 - PIER DETAIL**
SCALE: 1" = 1'-0"

6 S800 **P6 - PIER DETAIL**
SCALE: 1" = 1'-0"

7 S800 **P7 - PIER DETAIL**
SCALE: 1" = 1'-0"

8 S800 **P8 - PIER DETAIL**
SCALE: 1" = 1'-0"

9 S800 **P9 - PIER DETAIL**
SCALE: 1" = 1'-0"

10 S800 **P10 - PIER DETAIL**
SCALE: 1" = 1'-0"

11 S800 **P11 - PIER DETAIL**
SCALE: 1" = 1'-0"

12 S800 **P12 - PIER DETAIL**
SCALE: 1" = 1'-0"

13 S800 **STANDARD ANCHOR ROD DETAIL**
SCALE: 1 1/2" = 1'-0"

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
www.hsrassociates.com

Consultant:
raSmith
CREATIVITY BEYOND ENGINEERING
4001 Felland Road, Suite 108
Madison, WI 53718-6459
(608)467-3034
rasmith.com

project number: 2210619

Project Title:
OLYMPIC BUILDERS
HEAVENLY CROSSROADS SALON

Project Location:
BERLIN DRIVE
LA CROSSE, WI 54603

Sheet Title:
FOUNDATION DETAILS

HSR Project Number:
21030

Project Date:
DECEMBER 2021

Drawn By:
JDL

Key Plan:

CONSTRUCTION DOCUMENTS

Revisions:

No.	Description	Date

Graphic Scale:
VARIES

Last Update:
12/21/2021 12:41:49 PM

S800