

CITY OF FORT ATKINSON, Fort Atkinson, WI, 53538

Date: May 18, 2018

- **TO:** Planning Commission
- **FROM:** Andy Selle, P.E.
- **SUBJECT:** Butch's High Lite Auto Body Addition

Background:

Butch's High Lite Auto Body is planning an addition to the north on their existing building.



Figure 1: Existing aerial of the property

City Department Reviews:

All City departments have reviewed the submittal comments are below.

<u>Fire Department</u> – Our records indicate that this facility has several outstanding fire code violations. It is suggested that if approved, the approval be conditional and require that all existing fire code violations be corrected during construction.

There is mention of taking some of the gravel areas and possibly turning them into grass/lawn. If this is being considered, a site plan should be presented to the FAFD to ensure minimum NFPA 1 fire access code requirements are maintained as NFPA 1 access requirements apply on the property itself as well as to the public roadways.



Figure 2: Proposed Addition

<u>Zoning</u> – All requirements can be met under the zoning code contingent upon the following:

- 1. Lot lighting should reduce to 1 foot-candle at property lines and no light emission above the horizontal as discussed with developer.
- 2. Being it is an existing structure and use, the building should at a minimum match the existing building for materials and design.
- 3. Full buffer yards aren't required as it is an existing development, however a minimum of five foot greenbelts and minimum plantings should be installed to help development conform with and compliment intended new development in the area. See attached sketch of landscaping and greenbelts

- 4. Handi-cap parking should be located at main entrance and clearly signed and marked.
- 5. Signage changes must be submitted in future if proposed.

<u>Stormwater</u> – The buffer yards mentioned above and shown in the drawing should be swaled in order to collect stormwater and allow infiltration. The project will not create additional impervious surface, but as City lots are updated, low cost improvements in the treatment of stormwater are being implemented.

<u>Erosion Control</u> – Little sediment will be available on the site for runoff. Stockpiles will be minimized and if open ground is created, silt fence or other means of eliminating any brown water discharge associated with the project will be employed.

Recommendation:

Staff recommends approval of the plan as set forth in the attachment with the contingencies noted in the above department reviews.

Attachments: Original drawing and narrative submittal

Bos Design Builders LLC

N2775 County Road J, Fort Atkinson, WI 53538. Tel: 920.563.9461 Ext#2

Date: 5/1/18

Mr. Andy Selle City Engineer Fort Atkinson, WI 53538

Dear Mr. Andy Selle:

We are pleased to submit the attached Site Plan information for a 4230sqft addition onto the current Building owned by Butch's High Lite Auto Body located at 310 Woodland Drive in Fort Atkinson WI.

This addition will include space for new offices, bathroom, waiting area, additional work bays as well as a Drive-In Estimating Bay.

NOTES:

- There is no anticipated negative impact to any neighbors or neighboring properties.
- Drainage on the site will remain the same general sheet drainage to the North, South and West.
- During construction all spoils from foundation work will be removed from the site so there will be no opportunity for erosion onto neighboring properties or City Storm Sewer.
- Existing building lighting will remain on unchanged portions of the building. New lighting will be shielded to reduce light trespass to neighboring properties.
- Landscaping: Butch's Auto Body will be working together with the new property owner to the east on a mutually agreeable plan.

Sincerely,

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Harman J Bos Bos Design Builders LLC

and

Butch's High Lite Auto Body Trevor Knaack

BUTCH'S HIGH LITE AUTO BODY 301 WOODLAND DRIVE FORT ATKINSON, WI 53583

GENERAL REQUIREMENTS

NOTES & DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES.

ALL MATERIALS AND WORK PERFORMED SHALL CONFORM TO THE REQUIREMENTS OF THE 2011 WISCONSIN COMMERCIAL BUILDING CODE INCLUDING LOCAL ORDINANCES AND AMENDMENTS.

ALL MATERIAL SHALL BE FURNISHED AS SHOWN HEREIN UNLESS THE OWNER OR ENGINEER APPROVES EQUAL ALTERNATIVES.

NO CHANGES ARE TO BE MADE TO THESE PLANS WITHOUT THE KNOWLEDGE AND WRITTEN CONSENT OF THE ENGINEER.

THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, INCLUDING, BUT NOT LIMITED TO BRACING AND SHORING. OBSERVATION VISITS TO THE SITE BY THE ENGINEER AND/OR THE ENGINEER'S REPRESENTATIVE(S) SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE CONSTRUCTION PROCEDURES.

DESIGN LOADS

ROOF:GROUND SNOW LOAD (Pg) = 30 PSF
SNOW IMPORTANCE FACTOR (Is) = 1
SNOW LOAD EXPOSURE FACTOR (Ce) = 1.0
SLOPED ROOF/FLAT ROOF (Ps OR Pf) = 21 PSF
ROOF THERMAL FACTOR (Ct) = 1
COLLATERAL LOAD = 5 PSF
ROOFING MATERIAL DEAD LOAD = SELF-WEIGHT

WIND: WIND SPEED = 90 MPH, EXPOSURE = B WIND IMPORTANCE FACTOR (I) = 1 INTERNAL PRESSURE COEFFICIENT (GCpi) = ±0.18 COMPONENT & CLADDING DESIGN PRESSURE = PER CODE

CHART CC) SEISMIC: SEISMIC USE GROUP = ||

SEISMIC SITE CLASS = D SEISMIC DESIGN CATEGORY = B SEISMIC IMPORTANCE FACTOR (I) = 1 SPECTRA RESPONSE COEFF. Sds = .122, Sd1 = .073

BUILDING INFORMATION

CONSTRUCTION TYPE VB USE GROUP S1, B SIZE EXISTING 7668 SQFT ADDITION 4230 SQFT TOTAL 11,898 SQFT < 13,933 SQFT ALLOWED WITH INCREASE OCCUPANCY LOAD 29 BY AREA ONE STORY NOT SPRINKLED

DESIGN CRITERIA

 THE MINIMUM COMPRESSIVE STRENGTH OF CONCRETE (f'c) AT 28 DAYS

 SHALL BE:

 SLAB-ON-GRADE
 4,000 PSI

 FOUNDATION
 3,000 PSI

 WALLS
 4,000 PSI

DRYPACK OR GROUT FOR BASE PLATES 4,000 PSI

REINFORCING STEEL
STRUCTURAL STEELFy=60,000 PSI (ASTM A615, GRADE 60)WF SHAPES
STRUCTURAL TUBING
STRUCTURAL PIPES
CHANNELS & ANGLES
PLATE STEELFy=50,000 PSI (ASTM A500, GRADE B)
Fy=35,000 PSI (ASTM A53, GRADE B)
Fy=36,000 PSI (ASTM A56)
Fy=50,000 PSI (ASTM A572, GRADE 50)
E70XX (AWS D1.1-04)
Fy=55,000 PSI (ASTM A1011, GRADE 55)

WOOD MEMBERS SHALL BE THE FOLLOWING SPECIES AND GRADES: WALL STUDS SPF STUD GRADE RAFTERS & LINTELS SPF#2 JAMBS & COLUMNS SPF#2 L.V.L. Fb=2,200 PSI E=1,800,000 PSI

DESIGN METHOD

BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI

318-08). MANUAL OF STEEL CONSTRUCTION, ALLOWABLE STRESS DESIGN (AISC 13TH EDITION).

COLD FORMED STEEL DESIGN MANUAL (AISI-07).

NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION (NDS-REVISED 2005 EDITION).

COLD FORMED LIGHT GAGE STEEL

ALL STRUCTURAL STEEL SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AISI "SPECIFICATION FOR DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS.

ALL FASTENING OF COMPONENTS SHALL BE WITH SELF TAPPING SCREWS OR WELDING AS INDICATED ON APPROVED STEEL DRAWINGS. WELDING SHALL CONFORM TO THE LATEST EDITION OF AWS D1.3. ALL WELDING SHALL BE PERFORMED BY APPROVED CERTIFIED WELDERS.

NO HOLES, OTHER THAN THOSE SPECIFICALLY DETAILED, SHALL BE ALLOWED THROUGH STRUCTURAL STEEL MEMBERS.

THE STEEL SUPPLIER SHALL SUBMIT FOUR BOUND SETS OF ERECTION/SHOP DRAWINGS TO THE ENGINEER OF RECORD FOR DESIGN CONCEPT APPROVAL.

FOUNDATION

FOUNDATIONS SHALL NOT BE PLACED PRIOR TO CONFIRMATION OF THE SOIL TYPE AT A DEPTH OF 5 FEET BELOW THE FOOTING. THE CONTRACTOR SHALL PROVIDE TEST HOLE REPORT TO THE ENGINEER. THE SOIL BEARING CAPACITY IS PRESUMED TO BE 2,000 PSF.

COMPLETE NORMAL CLEARING AND GRUBBING OPERATION OVER THE ENTIRE BUILDING PAD AREA. THE BUILDING PAD AREA IS DEFINED AS AN AREA EXTENDING A MINIMUM OF 5 FEET BEYOND THE PROPOSED BUILDING LINES.

REMOVE UNSUITABLE MATERIAL BELOW FOUNDATION. THE DEPTH OF THE REMOVAL IS DICTATED BY THE UNSUITABLE SOILS ENCOUNTERED SUCH AS SILT, ORGANIC MATTER, ROOTS AND VEGETATION AND RANDOM FILL MATERIALS LIKE WOOD, TINS, ASPHALT AND MUCK.

FILL MATERIALS REQUIRED SHALL BE PLACED IN LIFTS NOT TO EXCEED 12 INCHES AND COMPACTED TO 95% MODIFIED PROCTOR (ASTM D1557, LATEST EDITION) AT OPTIMUM MOISTURE CONTENT WITHIN A DISTANCE OF 5 FEET BEYOND ALL FOOTING EDGES.

SIX INCHES MINIMUM GRANULAR MATERIAL TO BE PLACED UNDER THE FLOOR SLAB. PER ACI THIS IS AN APPROVED EQUIVALENT MATERIAL,

TO BE USED IN LIEU OF THE 6-MIL POLY VAPOR RETARDER REQUIRED IN SECTION 1910.1 OF THE CODE.

METAL BUILDING SYSTEM

THE METAL BUILDING SHALL BE FABRICATED BY AN AUTHORIZED METAL BUILDING MANUFACTURER IN ACCORDANCE WITH THE DESIGN(S).

FOUR BOUND SETS OF ENGINEERING DRAWINGS AND DESIGN CALCULATIONS, SHOWING CONFORMANCE TO THE DESIGN LOADS AND DEFLECTION CRITERIA AND INDICATING MEMBER SIZES SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR DESIGN CONCEPT APPROVAL. DESIGN CALCULATIONS AND DRAWINGS ARE TO BE PREPARED BY AND BEAR THE SEAL AND SIGNATURE OF A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT IS LOCATED.

DESIGN STANDARDS SHALL CONFORM TO STATE AND/OR LOCAL BUILDING CODES AND THE MBMA, LATEST EDITION.

THE METAL BUILDING FABRICATOR/SUPPLIER SHALL BE RESPONSIBLE FOR ANY ADDTIONAL HOLES, STABLIZER PLATES, STIFFENERS, ETC., NOT SHOWN ON THE DRAWINGS, TO ENSURE COMPLAINCE TO ALL FEDERAL, STATE AND LOCAL ERECTION REGULATIONS.

THE FOUNDATION FOR THE PRE-ENGINEERED BUILDING WAS DESIGNED USING PRELIMINARY REACTIONS AND/OR COLUMNS SIZES. PRIOR TO FOUNDATION CONSTRUCTION, FOOTINGS, PIERS AND/OR ANCHOR ROD SIZES MUST BE CONFIRMED BY THE ENGINEER OF RECORED. SIZES OF THESE ITEMS MAY BE REQUIRED TO BE ALTERED.

ERECTION OF STEEL MEMBERS SHALL NOT COMMENCE UNTIL ALL CONCRETE/MASONRY ELEMENTS HAVE ATTAINED AT LEAST 75% OF THEIR INTENDED MINIMUM COMPRESSIVE STRENGTH.

GENERAL NOTES

CONCRETE TRANSIT MIX

TRANSIT MIXED CONCRETE SHALL CONFORM TO ASTM C94, SPECIFICATION FOR READY-MIXED CONCRETE. THE WATER CEMENT RATIO SHALL BE KEPT TO A MINIMUM AND CONCRETE

SLUMP SHALL NOT EXCEED 4 INCHES WHEN TESTED IN ACCORDANCE WITH ASTM C143. CONCRETE SHALL HAVE THE REQUIRED MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS WHEN TESTED ACCORDING TO ASTM C39.

PORTLAND CEMENT SHALL CONFORM TO ASTM C150 – SPECIFICATION FOR PORTLAND CEMENT.

FINE AND COURSE AGGREGATES SHALL CONSIST OF CLEAN HARD STRONG AND DURABLE INERT MATERIAL FREE OF INJURIOUS AMOUNTS OF DELETERIOUS SUBSTANCES AND CONFORM TO ASTM C33, SPECIFICATION FOR CONCRETE AGGREGATES.

MIXING WATER SHALL BE FREE OF ANY ACID, ALKALI, OIL OR ORGANIC MATERIAL THAT MAY INTERFERE WITH THE SETTING OF THE CEMENT. ALL EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED. THE ENGINEER SHALL

APPROVE ALL ADMIXTURE. REINFORCING BARS TO BE WELDED SHALL BE IDENTIFIED AS GRADE 60W.

WELDED WIRE FABRIC, OF GAUGE AND SPACING SPECIFIED, SHALL CONFORM TO THE REQUIREMENTS OF ASTM A82. REINFORCING SHALL HAVE THE MINIMUM COVER REQUIREMENTS AS INDICATED IN

ACI-318, LATEST EDITION WITH THE FOLLOWING MINIMUM VALUES: CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3" PERMANENTLY EXPOSED TO EARTH OR WEATHER: #5 AND SMALLER 1 1/2"

#6 AND LARGER 2"

ALL CONCRETE SHALL CURE A MINIMUM OF 7 DAYS. IF FORMS ARE REMOVED BEFORE THE END OF THE CURING PERIOD, COAT SURFACES WITH LIQUID CURING COMPOUND.

SAW CUTTING OF CONTROL JOINTS IS TO BE PERFORMED AS SOON AS CONDITIONS PERMIT, BUT NO MORE THAN 12 HOURS AFTER THE CONCRETE IS POURED.

PROVIDE DOWELS IN WALL FOOTINGS WITH EQUAL SIZE AND SPACING AS VERTICAL WALL STEEL, UNLESS NOTED OTHERWISE.

ALL CONCRETE SLABS SHALL BE REINFORCED AS INDICATED ON THE DRAWINGS. FIBER REINFORCED CONCRETE MAY BE USED IN THE FLOOR SLABS IN ADDITION TO THE REQUIRED REINFORCING AT DOSAGE RATES ACCORDING TO SPECIFICATIONS.

USE NON-SHRINK, NON-METALLIC GROUT UNDER BASE PLATES AS INDICATED ON THE DRAWINGS.

DIMENSIONS OF THE FINISHED PRODUCT SHALL BE WITHIN THE LIMITS RECOMMENDED BY ACI 117.

THE CONCRETE CONTRACTOR SHALL COORDINATE ALL OTHER TRADES FOR SIZE AND LOCATION OF ALL OPENINGS IN WALLS AND FLOORS. ALL OPENINGS IN STRUCTURAL CONCRETE SHALL BE DETAILED OR APPROVED BY THE ENGINEER.

STRUCTURAL CONCRETE SHALL BE DETAILED OR APPROVED BY IF	HE ENC	JINEER.
MINIMUM LAP REQUIREMENTS NOTES: 1) NORMAL WEIGHT CONCRETE	BAR SIZE	MIN. LAF LENGTH (INCHES)
2) CLEAR COVER > BAR DIAMETER	3	18
3) MINIMUM SPACING S >= BAR DIA. W/ STIRRUPS	4	22
4) MINIMUM SPACING S >= 2^* BAR DIA. W/O STIRRUPS	5	28
5) fc' = 3000 PSI Fv = 60.000 PSI	6	34
6) FOR TOR BARS MULTIPLY BY 1 3	7	49
7) LINGOATED DEINEODOING DADC	8	56
/) UNCUATED REINFURGING BARS	9	63
	10	71

TRUCTURAL	WOOD	CONSTRUCTI

STRUCTURAL WOOD SHALL BE VISUALLY GRADED IN ACCORDANCE WITH ASTM D245. WOOD SHALL BE IDENTIFIED BY A GRADE MARK OR CERTIFICATE OF INSPECTION ISSUED BY A RECOGNIZED INSPECTION AGENCY.

ALL WOOD SHALL HAVE A MAXIMUM MOISTURE CONTENT OF 15% PRIOR TO INSTALLATION.

ALL WOOD PERMANENTLY EXPOSED TO THE WEATHER, IN CONTACT WITH EXTERIOR, IN CONTACT WITH THE GROUND, SHALL HAVE A PRESERVATIVE TREATMENT EQUAL TO 0.4 P.C.F. RETENTION OF PRESSURE INJECTED CCA.

NO WOOD MEMBER SHALL BE CUT, NOTCHED OR DRILLED WITHOUT SPECIFIC WRITTEN APPROVAL OF THE ENGINEER.

ALL JOISTS AND RAFTERS SHALL BE SUPPORTED BY DIRECT END BEARING ON BEAMS, PARTITIONS, OR JOIST HANGERS. ALL ROOF AND FLOOR TRUSSES MUST BE LOCATED ABOVE WALL STUDS.

DO NOT EMBED WOOD MEMBERS IN CONCRETE. PLYWOOD SHALL BE LAID WITH FACE GRAIN PERPENDICULAR TO SUPPORTS STAGGER ALL JOINTS.

PLYWOOD SHALL BE CAPABLE OF SUPPORTING DESIGN LOADS AT REQUIRED SUPPORT SPACING AND BEAR APPROPRIATE GRADING STAMP FROM AMERICAN PLYWOOD ASSOCIATION.

PLYWOOD SHALL BE FASTENED TO SUPPORTS WITH 8d NAILS SPACED AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS, (UNLESS OTHERWISE NOTED).

WOOD DECKING SHALL BE INSTALLED IN THE "CONTROLLED RANDOM LAY-UP" PATTERN, CONTINUOUS OVER THREE SPANS.

WOOD DECKING SHALL BE FACED NAILED TO EACH SUPPORT ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.

USE COMMON WIRE NAILS UNLESS SPECIFICALLY NOTED OTHERWISE. ALL BOLTS AND LAG SCREWS SHALL CONFORM TO ASTM A307. USE STEEL WASHERS BETWEEN HEAD OF BOLT OR LAG SCREW AND WOOD. USE STEEL WASHERS BETWEEN NUT AND WOOD.

ALL FASTENERS USED FOR PRESERVATIVE TREATED WOOD SHALL BE GALVANIZED.

NAILING SCHEDULE

CONNECTION

TRUSS TO TOP PLATE BRIDGING TO TRUSSES, FACE NAIL EACH END TOP PLATE TO STUD, END NAIL STUD TO SOLE PLATE

DOUBLE STUDS, FACE NAIL DOUBLE TOP PLATES, FACE NAIL

TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL CONTINUOUS HEADER, TWO PIECES CONTINUOUS HEADER TO STUD, TOENAIL

BUILT-UP CORNER STUDS 5/8" CDX PLYWD ROOF SHEATHING (APA RATED) UNLESS NOTED OTHERWISE

7/16" OSB WALL SHEATHING (APA RATED) UNLESS NOTED OTHERWISE

FOR SHEAR WALLS 3/8" OSB WALL SHEATHING (APA RATED) 5/8" GYPSUM BOARD

ALL NAILING SHALL CONFORM TO TABLE 2304.9, UNLESS NOTED OTHERWISE

NAILING (COMMON NAILS- UNLESS OTHER CONNECTION IS REQUIRED) SEE ROOF FRAMING PLAN 2-8d 2-16d 4-8d, TOENAIL OR 2-16d, END NAIL 16d @ 24" O.C.

2–16d 16d @ 16"O.C. ALONG EACH EDGE

16d @ 16"O.C.

4-8d 16d @ 24" O.C. 8d @ 6" O.C

FOR SUPPORTED EDGES 8d @ 12" O.C. FOR INTERMEDIATE MEMBERS 8d @ 6" O.C. FOR SUPPORTED EDGES

8d @ 12" O.C. FOR INTERMEDIATE MEMBERS 8d @ 6" O.C. FOR SUPPORTED EDGES 8d @ 12" O.C. FOR INTERMEDIATE MEMBERS

STRUCTURAL DRAWING INDEX						
SHEET NO.	DESCRIPTION	REV. NO.				
T1.1	TITLE SHEET	4/30/18				
C1.1	SITE PLAN	4/30/18				
A1.1	FLOOR PLAN	4/30/18				
A1.2	ENLARGED REST ROOM PLAN/DETAILS	4/30/18				
A1.3	ROOF PLAN	4/30/18				
A2.1	ELEVATIONS	4/30/18				
A3.1	CROSS SECTIONS	4/30/18				
S1.1	FOUNDATION PLAN	4/30/18				
S1.2	FOUNDATION DETAILS	4/30/18				









WOODLAND DRIVE

S 88	<u>3° 32' E 607.64'</u>		
D D D D D D D D D D D D D D	202' EXISTING GARAGE AND SHOWROOM	20.	
50°-0°			
N {	38° 32' W 607.64'		











URINALS SHALL BE STALL-TYPE OR WALL-HUNG WITH THE RIM AT 17 INCHES MAXIMUM ABOVE THE FLOOR OR GROUND. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC AND SHALL COMPLY WITH SECTION 309 OF ICC/ANSI A117.1-2003 AND SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FINISHED FLOOR.

URINAL WALLS OR PARTITIONS SHALL BEGIN AT A HEIGHT NOT MORE THAN 12 INCHES FROM AND EXTEND NOT LESS THAN 60 INCHES ABOVE THE FINISHED FLOOR SURFACE. THE WALLS OR PARTITIONS SHALL EXTEND FROM THE WALL SURFACE AT EACH SIDE OF THE URINAL A MINIMUM OF 18 INCHES OR TO A POINT NOT LESS THAN 6 INCHES BEYOND THE OUTERMOST FRONT LIP OF THE URINAL MEASURED FROM THE FINISHED BACK WALL

SURFACE, WHICHEVER IS GREATER. WATER CLOSET FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC AND SHALL COMPLY WITH SECTION 309 OF ICC/ANSI A117.1-2003. FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS NO MORE

THAN 44" ABOVE THE FINISHED FLOOR.





THE FRONT OF LAVATORIES AND SINKS SHALL BE 34 INCHES MAXIMUM ABOVE THE FLOOR OR GROUND, MEASURED TO THE HIGHER OF THE FIXTURE RIM OR COUNTER SURFACE. FAUCETS SHALL COMPLY WITH SECTION 309 OF ICC/ANSI A117.1-2003. HAND-OPERATED, SELF-CLOSING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MINIMUM. SINKS SHALL BE 6 1/2 INCHES DEEP MAXIMUM. MULTIPLE COMPARTMENT SINKS SHALL HAVE AT LEAST ONE COMPARTMENT COMPLYING WITH THIS REQUIREMENT. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS. FAUCETS & SOAP DISPENSER CONTROLS SHALL HAVE A REACH DEPTH OF 11 INCHES MAX. OR, IF AUTOMATIC, SHALL BE ACTIVATED WITHIN A REACH DEPTH OF 11 INCHES MAX. WATER & SOAP FLOW SHALL BE PROVIDED WITH A REACH DEPTH OF 11 INCHES MAX.

	DETAILS
	DLIAILJ
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CLEAR FLOOR SPACES ARE ALLOWED TO OVERLAP. FIXTURES, HOWEVER MAY NOT OVERLAP INTO ANOTHER FIXTURE'S CLEAR FLOOR SPACE. DOORS MAY NOT SWING INTO THE CLEAR FLOOR SPACE OF A FIXTURE.

IN OTHER THAN DWELLING UNITS, TOILET AND BATHING ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 6 INCHES. WALLS WITHIN 2 FEET OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF 4 FEET ABOVE THE FLOOR, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE.

TOILET ROOMS SHALL NOT OPEN DIRECTLY INTO A ROOM USED FOR THE PREPARATION OF FOOD FOR SERVICE TO THE PUBLIC. TOILET ROOMS SHALL BE VENTED IN ACCORDANCE WITH THE PROVISIONS OF THE

CODE. (SEE HVAC SUBMITTAL)

OPERABLE PARTS ON TOWEL DISPENSERS & HAND DRYERS SHALL COMPLY WITH TABLE 606.7 (SEE TABLE)

TABLE MAXIMU	606.7 JM REA	ACH DE	PTH &	HEIGH	т	
MAXIMUM REACH DEPTH	5"	2"	5"	6"	9"	11'
MAXIMUM REACH HEIGHT	48"	46"	42"	40"	36"	34"

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THESE NOTES & DETAILS ARE FOR THESOLE PURPOSE OF DEFINING ADAREQUIREMENTS.THEY ARE NOT INTENDED TOSPECIFY PLUMBING FIXTURES.SEE PLUMBINGDRAWINGS FOR FIXTURE SPECIFICATIONS.



FIELD VERIFY ALL EXISTING BUILDING DIMENSIONS AND ELEVATIONS.







EXIST. EAVE EL. 109'-0"





NOTE: SEE ELEVATIONS FOR INSULATING R-VALUES

- MTL. WALL PANEL WITH INSULATION

DIMENSION DESIGN, INC. 817 Venture Court 4th $(\neg \neg$ AD J 5353 N2775 (ORT AT $\models = \uparrow$ DRIVE WI 53538 -Ĭ \square Ċ WOODLAND ATKINSON, V \rightarrow 301 FORT r \vdash \vdash DATE: 4-30-2018 BY: SB/JRG SCALE: 1/8" = 1'CROSS SECTIONS DRAWING NO: A3.1











Butch's High Lite Auto Body

