



TACO BELL

SUCCESSOR REMODEL

ENDEAVOR TYPE K

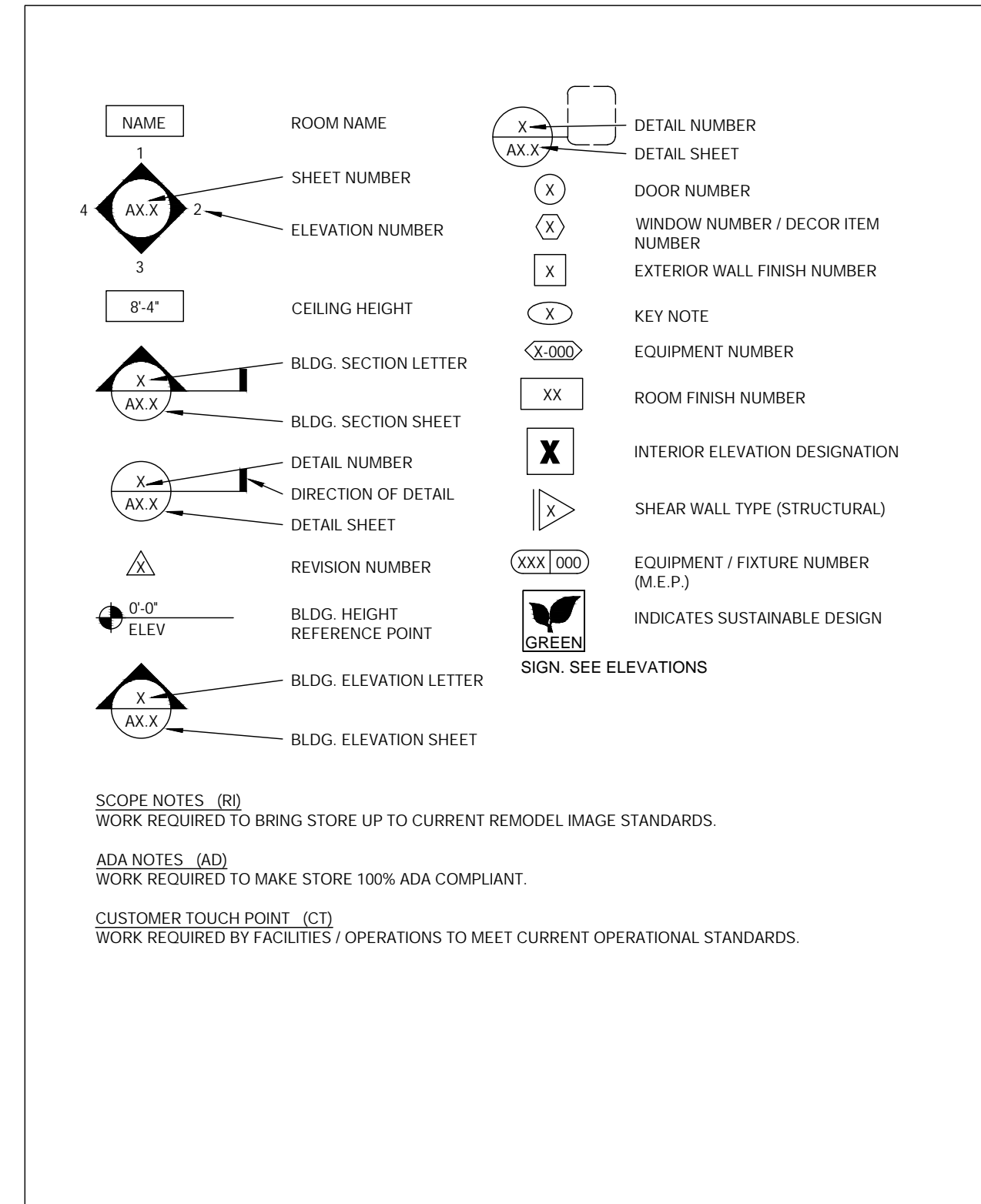
STORE #37478

320 11th St. SW Plaza
Spencer, IA 51301

PROJECT GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE 2015 EDITION OF THE INTERNATIONAL EXISTING BUILDING CODES AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE CITY OF SPENCER, IA AND CLAY COUNTY.
- IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.
- ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE OWNER'S CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- RETAIN A PROJECT GEOTECHNICAL ENGINEER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING (INCLUDING UTILITY TRENCHES) AND FOUNDATION PHASE OF CONSTRUCTION AS RECOMMENDED IN THE GEOTECHNICAL REPORT. ALL TESTING AND INSPECTION REPORTS, INCLUDING FINAL SUMMATION LETTER, SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND OWNER. G.C. SHALL CERTIFY PAD ELEVATION PRIOR TO START OF FOUNDATION WORK.
- SUBMIT PAY FEES AND OBTAIN ALL PERMITS ASSOCIATED WITH THE PROJECT EXCEPT GENERAL BUILDING PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, HOOD ANSUL, OR OTHER RELATED FIRE PERMITS, ENCROACHMENT PERMIT, ETC. OWNER WILL PAY FOR "CONNECTION FEES" ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- SCOPE OF WORK AND SPECIFICATIONS DOCUMENTS ARE INCLUDED AS CONTRACT DOCUMENT FOR THIS PROJECT. IF THEY HAVE NOT BEEN PROVIDED TO YOU FOR THIS PROJECT PLEASE ASK THE OWNER OR THE OWNER'S REPRESENTATIVE FOR A COPY OF THE APPLICABLE SECTIONS.
- GC SHALL PROVIDE WARRANTY DOCUMENTATION FOR ANY ROOFING MEMBRANE AND EIFS WORK PERFORMED ON PROJECT AT THE CONCLUSION OF THE PROJECT

REFERENCE SYMBOLS



PROJECT SUMMARY

PROJECT DESCRIPTION:
EXTERIOR FACADE MODIFICATIONS, NEW RESTROOM FIXTURES,
NEW INTERIOR AND EXTERIOR FINISHES, NEW DINING ROOM FURNITURE AND DRIVE-THRU ELEMENTS

BUILDING CODE: 2018 INTERNATIONAL MECHANICAL CODE (IMC)
2015 INTERNATIONAL PROPERTY MAINTENANCE CODE (IPMC)
2015 INTERNATIONAL FUEL GAS CODE (IFGC)
2015 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2015 INTERNATIONAL FIRE CODE (IFC)
2015 INTERNATIONAL BUILDING CODE (IBC)
2015 INTERNATIONAL PLUMBING CODE (IPC)

LEGAL JURISDICTION: CITY OF SPENCER, IA AND CLAY COUNTY

BUILDING AREA: 2,572 S.F. **EXISTING SEATING:** 60
PROPOSED SEATING: 54

OCCUPANCY: A2

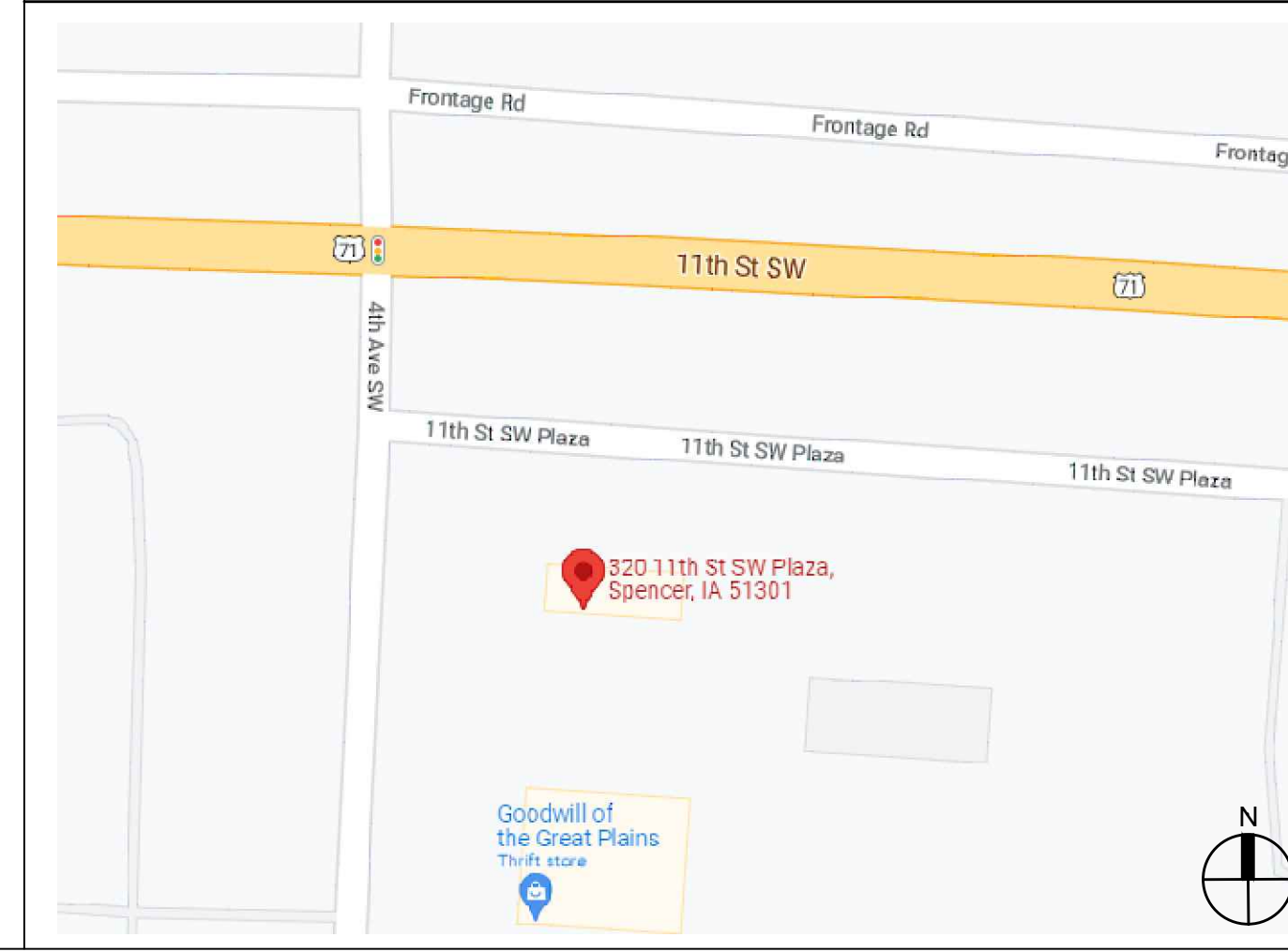
TYPE CONSTRUCTION: TYPE VB

DESIGN CRITERIA

PROJECT DIRECTORY

OWNER HAZA BELL OF NEBRASKA, LLC 4415 HIGHWAY 6 SUGARLAND, TX 77478-4476 CONTACT: JIMMY WACHAA	ARCHITECT GLMV ARCHITECTURE 1525 E. DOUGLAS AVE. WICHITA, KS. 67211 Contact: ROSA PADDOCK Phone: 316-265-9367
CONSTRUCTION MANAGER HAZA BELL OF NEBRASKA 4415 HIGHWAY 6 SUGARLAND, TX 77478-4476 CONTACT: CHRIS STEELE PHONE: 402-312-5025	ELEC./MECH./PLUMB. ENGINEER BC ENGINEERS, INC 5720 REEDER SHAWNEE, KS 66203 Contact: STEPHEN MCGOWAN Phone: 913.262.1772

VICINITY MAP



SHEET INDEX

TITLE/GENERAL		A A A A A			
T1.0	TITLE SHEET				
LANDSCAPE					
LP101	LANDSCAPE PLAN				
SITE					
SP101	SITE PLAN				
SP102	ENLARGED SITE PLAN				
SP501	DRIVE-THRU EQUIPMENT DETAILS				
SP502	SITE DETAILS				
SIGNAGE					
G4.0	SIGNAGE PLAN				
G4.1	SIGNAGE DETAILS				
ACCESSIBILITY					
ADA1.0	ACCESSIBILITY REQUIREMENTS				
DEMO					
AD.1	DEMOLITION PLANS				
ARCHITECTURE					
A2.0	FLOOR PLAN				
A4.0	EXTERIOR ELEVATIONS				
A4.1	EXTERIOR ELEVATIONS				
A7.0	REFLECTED CEILING AND FINISH PLANS				
A7.2	FINISH SCHEDULES AND FINISH NOTES				
A8.0	INTERIOR ELEVATIONS				
A8.1	ENLARGED RESTROOM FLOOR PLAN & ELEVATIONS				
MECHANICAL/PLUMBING/ELECTRICAL					
MP0.0	MECH/PLUMB SPECIFICATION				
MP1.1	MECH/PLUMB FLOOR PLAN				
MP1.2	PLUMBING DETAILS				
E0.0	ELECTRICAL SPECIFICATIONS				
E1.0	ELECTRICAL LIGHTING PLAN				
E2.0	ELECTRICAL POWER PLAN				

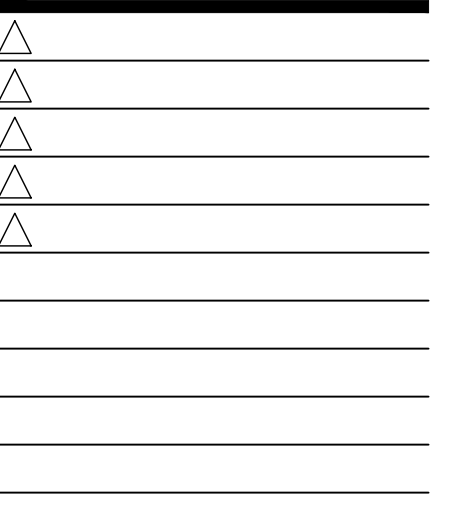


I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed architect under the laws of the state of Iowa.

Steven T. Wise Date

License number ARC07896
Renewal date June 30, 2023
All pages and sheets are covered by this seal.

21678R21003



CONTRACT DATE: 01.18.2022
BUILDING TYPE: TYPE T-K
PLAN VERSION: -
BRAND DESIGNER: -
SITE NUMBER: -----
STORE NUMBER: 37478

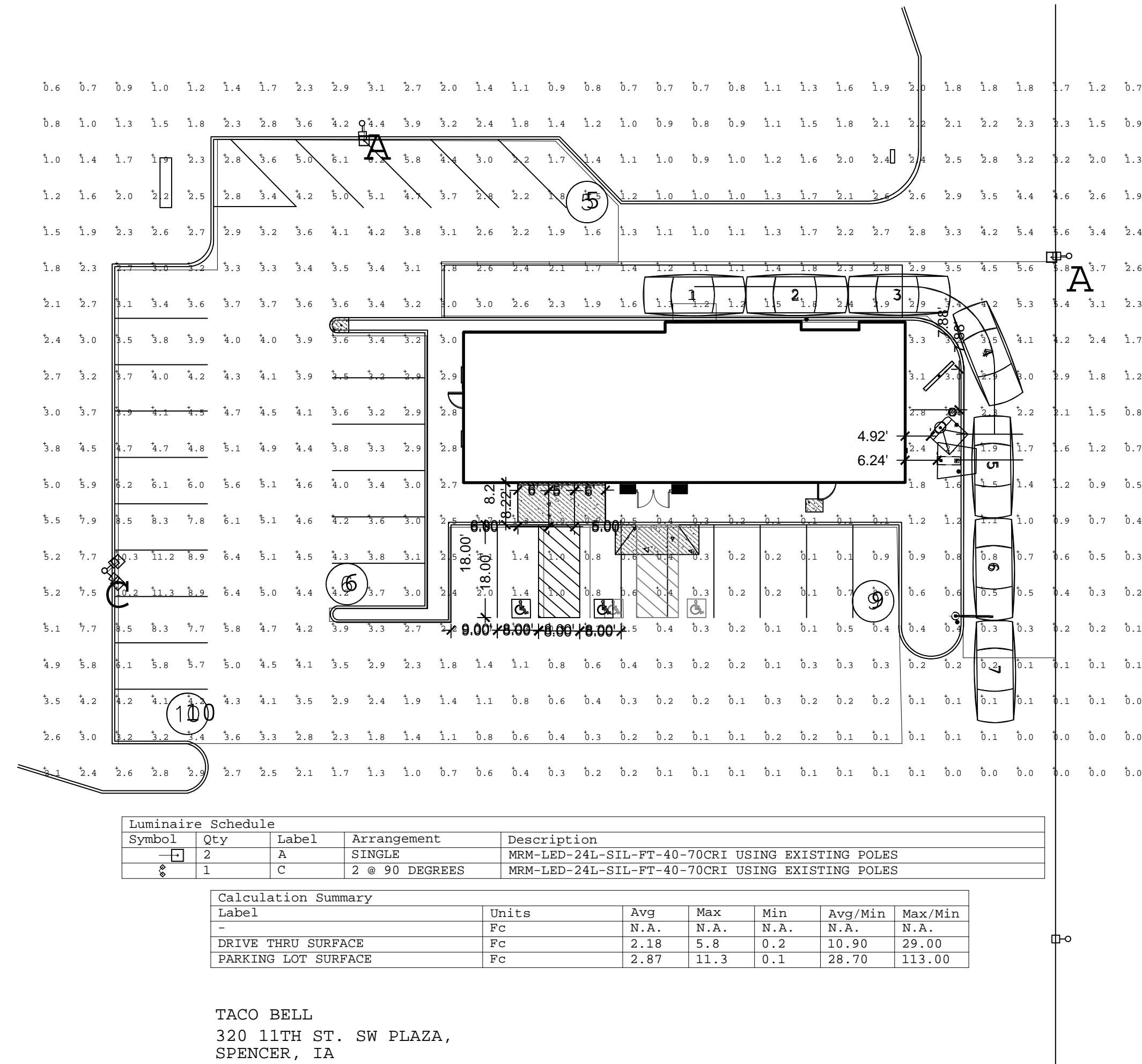
TACO BELL

320 11th St. SW Plaza
Spencer, IA 51301



SUCCESSOR
PROTOTYPE
TITLE SHEET

T1.0

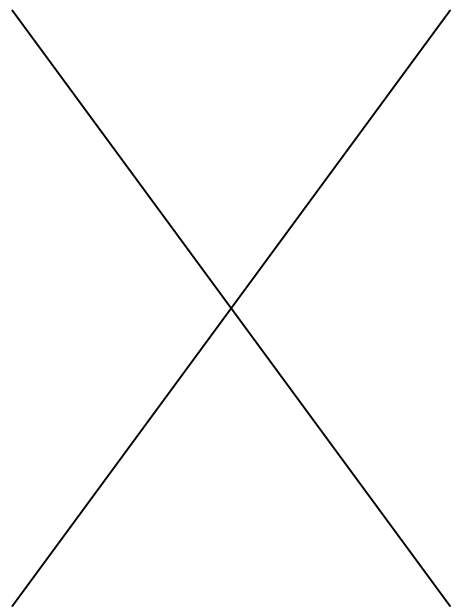
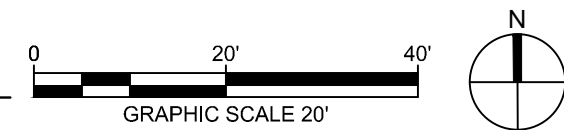


Symbol	Qty	Label	Arrangement	Description
□	2	A	SINGLE	MRM-LED-24L-SIL-PT-40-70CRI USING EXISTING POLES
⊗	1	C	2 @ 90 DEGREES	MRM-LED-24L-SIL-PT-40-70CRI USING EXISTING POLES

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
-	Fc	N.A.	N.A.	N.A.	N.A.	N.A.
DRIVE THRU SURFACE	Fc	2.18	5.8	0.2	10.90	29.00
PARKING LOT SURFACE	Fc	2.87	11.3	0.1	28.70	113.00

TACO BELL
 320 11TH ST. SW PLAZA,
 SPENCER, IA
 PREPARED BY: PAUL MILLER
 CAPITOL LIGHT
 814-312-7505
 Paul.Miller@capitollight.com
 JANUARY 17, 2022

1 SITE LIGHTING
 1" = 20'-0"



21678R21003

- △
- △
- △
- △
- △

CONTRACT DATE: 01.18.2022
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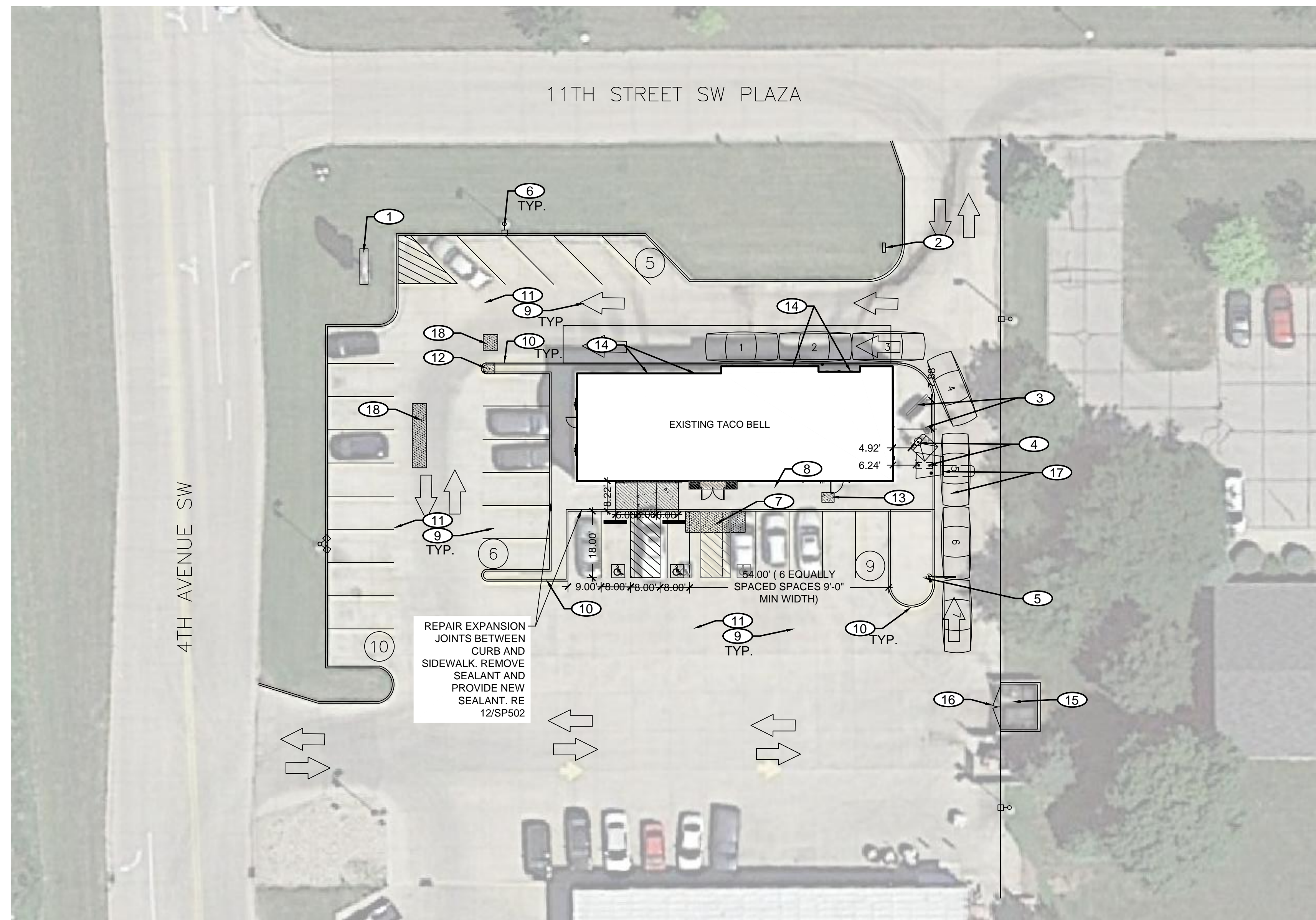
TACO BELL
 320 11th St. SW Plaza
 Spencer, IA 51301



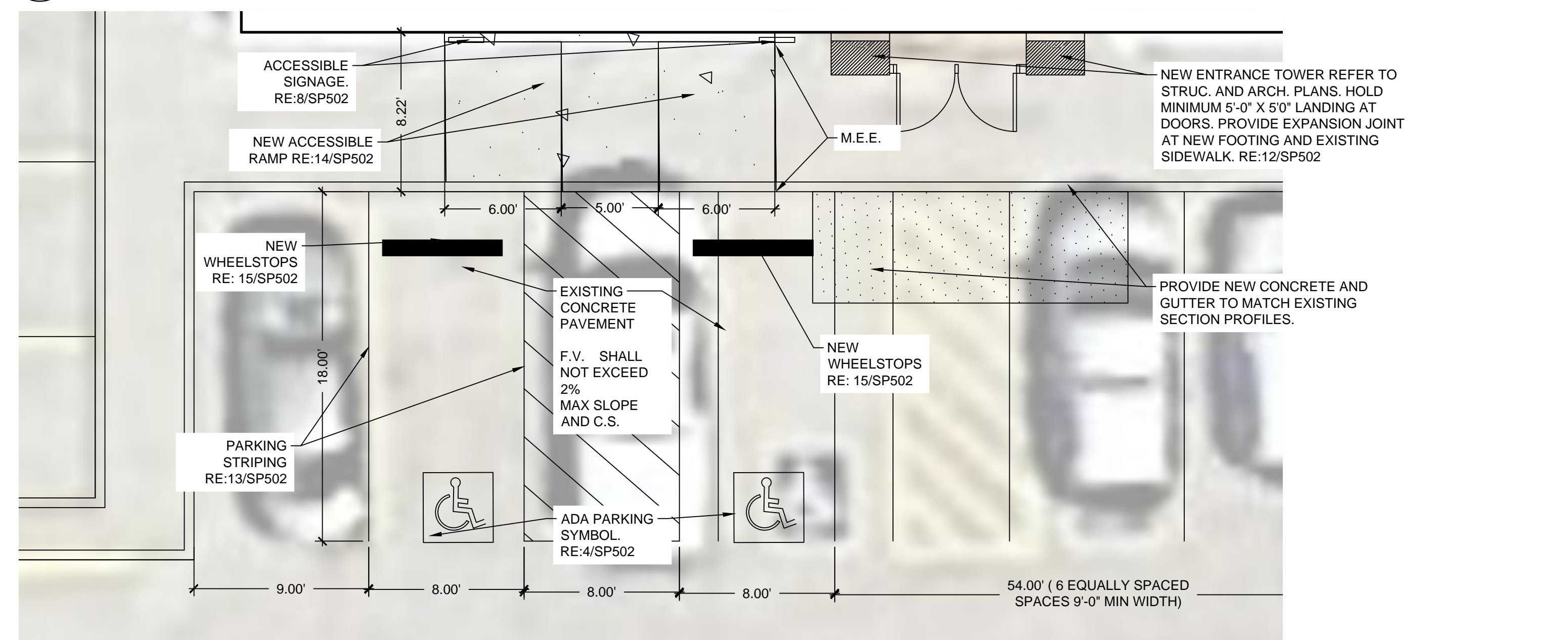
SUCCESSOR
 PROTOTYPE

SITE
 LIGHTING
 PLAN

SL101



A SITE PLAN
1" = 20'-0"



B ENLARGEMENT PLAN
1" = 5'-0"

SITE INFORMATION

PARCEL NUMBER: 9636199102001
 ADDRESS: 320 11TH STREET SW PLAZA, SPENCER, IA
 COUNTY: CLAY COUNTY
 ACRES: 0.69
 ZONING: C2 HIGHWAY COMMERCIAL
 EXISTING PARKING: 30, INCLUDING 2 ADA
 PARKING REQUIREMENT: (1 space for each four (4) seats, plus 1 space for each two (2) employees)
 REQUIRED PARKING: 19 (54 SEATS + 10 EMPLOYEES)
 PROPOSED PARKING: 30, INCLUDING 2 ADA
 PARKING DIMENSIONS: 18' x 9'

KEYNOTES

- ① REFACE EXISTING PYLON SIGN AND READERBOARD WITH NEW TACO BELL BRAND IMAGE. RELAMP WITH LED LIGHTING. PAINT CABINET AND POLE BLACK. COORDINATE WITH SIGN VENDOR.
- ② REMOVE EXISTING DIRECTIONAL AND FOOTING. CAP ELECTRICAL BELOW GRADE.
- ③ REMOVE EXISTING MENU BOARD, SPEAKER POST, AND BOLLARD. COORDINATE REMOVAL WITH OWNER AND SIGNAGE VENDOR. EXTEND DATA AND POWER TO NEW ORDER POINT LOCATION. REFER TO MENUBOARD SCOPE OF WORK 1/SP501.
- ④ INSTALL NEW BOLLARD, SPEAKER POST, DRIVE THRU CANOPY, AND DIGITAL DRIVE THRU MENU BOARD. GC SHALL PROVIDE NEW FOOTINGS AND FOUNDATION. COORDINATE INSTALLATION WITH SIGN VENDOR. RE: 1,2,3,8,9/SP501.
- ⑤ INSTALL NEW BRAND CLEARANCE BAR, FOOTING, AND BOLLARD. RE: 4,5,6/SP501.
- ⑥ INSTALL NEW LED LIGHT FIXTURES ON EXISTING SITE LIGHT POLES. RE: SL101.
- ⑦ REMOVE EXISTING CONCRETE ACCESSIBLE RAMP. INSTALL NEW 6 INCH CONCRETE PAVEMENT AND CURB AND GUTTER AT PARKING STALLS TO MATCH EXISTING GRADE. RE: 2,7,8,12/SP502.
- ⑧ SAWCUT AND INSTALL NEW INCURB RAMP AT NEW ADA PARKING STALLS AND AISLE. RELOCATE EXISTING ADA PARKING SIGNS TO NEW ADA PARKING STALLS. PROVIDE NEW WHEELSTOPS. RE: 4,8,13,14,15/SP502.
- ⑨ RE-STRIPE PARKING LOT TO MATCH PROPOSED LAYOUT. RE: 4,9,8,13/SP502
- ⑩ REFRESH EXISTING YELLOW PAINTED CURBS. PAINT D.O.T. SAFTEY YELLOW. COORDINATE EXTENT WITH OWNER.
- ⑪ POWERWASH EXISTING CONCRETE PAVEMENT IN DRIVE THRU AND PARKING LOT COORDINATE EXTENT WITH OWNER.
- ⑫ SAWCUT AND REMOVE EXISTING CONCRETE CURB. INSTALL NEW 6 INCH CONCRETE CURB AND GUTTER. RE: 7/SP502.
- ⑬ SAWCUT 12 INCHES BEYOND DAMAGED CONCRETE SIDEWALK. PROVIDE NEW 4 INCH CONCRETE SIDEWALK PAVEMENT SHALL MATCH EXISTING ELEVATION. RE: 1&12/SP502.
- ⑭ CLEAN OUT GUTTER DOWNSPOUTS.
- ⑮ POWERWASH EXISTING ENCLOSURE. PREPARE SUFACE FOR PAINT AND PAINT DUMPSTER ENCLOSURE WORDLY GREY (SW 7043). RE:SP503
- ⑯ REMOVE EXISTING TRASH ENCLOSURE GATES AND REPLACE WITH TREX (COMPOSITE PLASTIC PICKETS) AND FRAME MATCH EXISTING WIDTH AND HEIGHT. REPLACE GATE POST AS REQUIRED. RE: SP503.
- ⑰ SAWCUT IN NEW LOOP DETECTOR AT ORDERPOINT.
- ⑱ SAWCUT 12 INCHES BEYOND DAMAGED CONCRETE PAVEMENT. PROVIDE NEW 6 INCH CONCRETE PAVEMENT. CONCRETE SHALL MATCH EXISTING GRADES. RE: 2&12/SP502.

SITE PLAN NOTES

1. PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.
3. CONTRACTOR SHALL CONTACT DIG SAFE PRIOR TO ANY EXCAVATION/DIGGING.
4. NO SURVEY INFORMATION HAS BEEN PROVIDED. EXISTING CONDITIONS HAVE BEEN COMPILED BY FIELD OBSERVATIONS AND AERIAL PHOTOGRAPHY. ALL EXISTING CONDITIONS, DIMENSIONS, AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER IF ANY DISCREPANCIES EXIST. PRIOR TO CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
5. REPAIR ALL LANDSCAPING DISTURBED BY CONSTRUCTION ACTIVITIES.
6. MODIFY EXISTING IRRIGATION SYSTEM TO PROPERLY WATER ANY REVISED OR ADDED LANDSCAPE AREAS.

ADA NOTES:

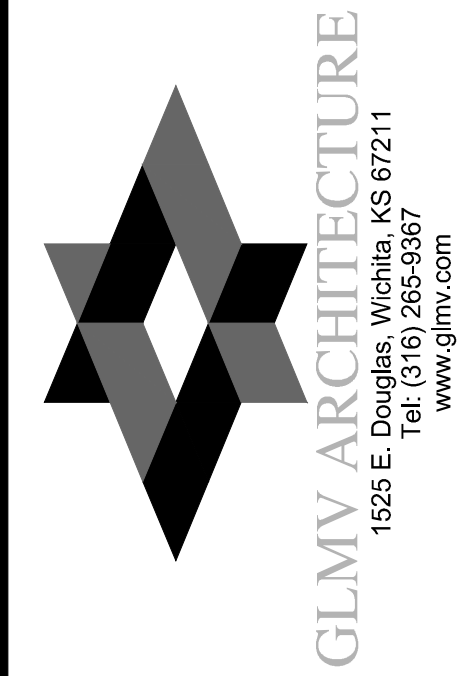
1. ANY AND ALL NEW SITE FEATURES SHOWN ON PLANS AND NOTED AS "ADA" SHALL BE BUILT IN COMPLIANCE TO CURRENT FEDERAL, STATE AND LOCAL ACCESSIBILITY RULES AND REGULATIONS. THE G.C. SHALL BE RESPONSIBLE TO KNOW AND UNDERSTAND ALL CURRENT ACCESSIBILITY REGULATIONS AS THEY PERTAIN TO THE CONSTRUCTION OF ACCESSIBLE SITE FEATURES.
2. ALL NEW CONCRETE SIDEWALK PAVEMENT SHALL BE INSTALLED WITH A MAX. 5% RUNNING SLOPE AND A MAX. 2% CROSS SLOPE. ALL NEW CONCRETE STOOPS INSTALLED AT EXISTING DOORWAYS WILL BE INSTALLED FLUSH WITH THE BUILDING F.F.E. AND WITH A 1.5% SLOPE AWAY FROM DOORWAYS. A MIN. 5'X5' STOOP WITH 1.5% SLOPES SHALL BE INSTALLED AT DOORS.
3. SURFACES OF ALL NEW ACCESSIBLE PAVED PATHWAYS SHALL BE SMOOTH AND EVEN WITH NO ABRUPT CHANGES IN ELEVATION OF 1/4" OR GREATER AS REQUIRED BY THE ACCESSIBILITY DESIGN REGULATIONS.

DEMOLITION NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES) ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE, STRUCTURES, UTILITIES, UNDERGROUND STORAGE TANKS, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE REMAINING PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL.
2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING OF THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
3. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY'S FORCES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
4. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY. ADEQUATE TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY AS NECESSARY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE. CONTRACTOR SHALL PAY CLOSE ATTENTION TO EXISTING UTILITIES WITHIN THE ANY ROAD RIGHT OF WAY DURING CONSTRUCTION.
5. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC., (AND OTHER APPROPRIATE BMP'S) AS APPROVED BY CONSTRUCTION MANAGER.
6. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.
7. PRIOR TO ANY DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES MUST BE INSTALLED.
8. ALL DISTURBED FEATURES SHALL BE RESTORED OR RELOCATED AS REQUIRED TO THE SATISFACTION OF THE OWNER. CONTRACTOR SHALL REPAIR/REPLACE ANY SURROUNDING FEATURES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE OWNER.
9. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.

LEGEND

- APPROXIMATE LIMITS OF DEMOLITION AREA
- APPROXIMATE LIMITS OF NEW 4' CONCRETE SIDEWALK
- APPROXIMATE LIMITS OF PROPOSED 6' CONCRETE PAVEMENT



I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed architect under the laws of the state of Iowa.

Steven T. Wise Date

License number ARC07896
 Renewal date June 30, 2023
 All pages and sheets are covered by this seal.

21678R21003

CONTRACT DATE: 01.18.2022
 BUILDING TYPE: TYPE T-K
 PLAN VERSION:
 BRAND DESIGNER:
 SITE NUMBER:
 STORE NUMBER: 37478

TACO BELL

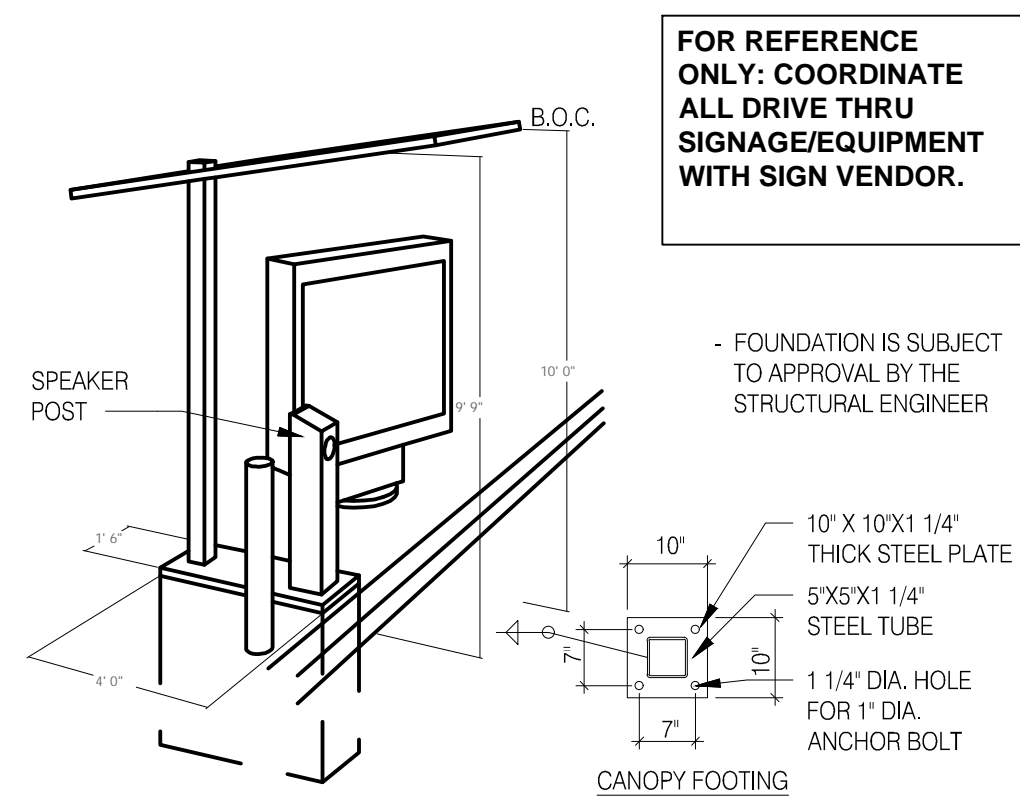
320 11th St. SW Plaza
 Spencer, IA 51301



**SUCCESSOR
 PROTOTYPE**

**SITE
 PLAN**

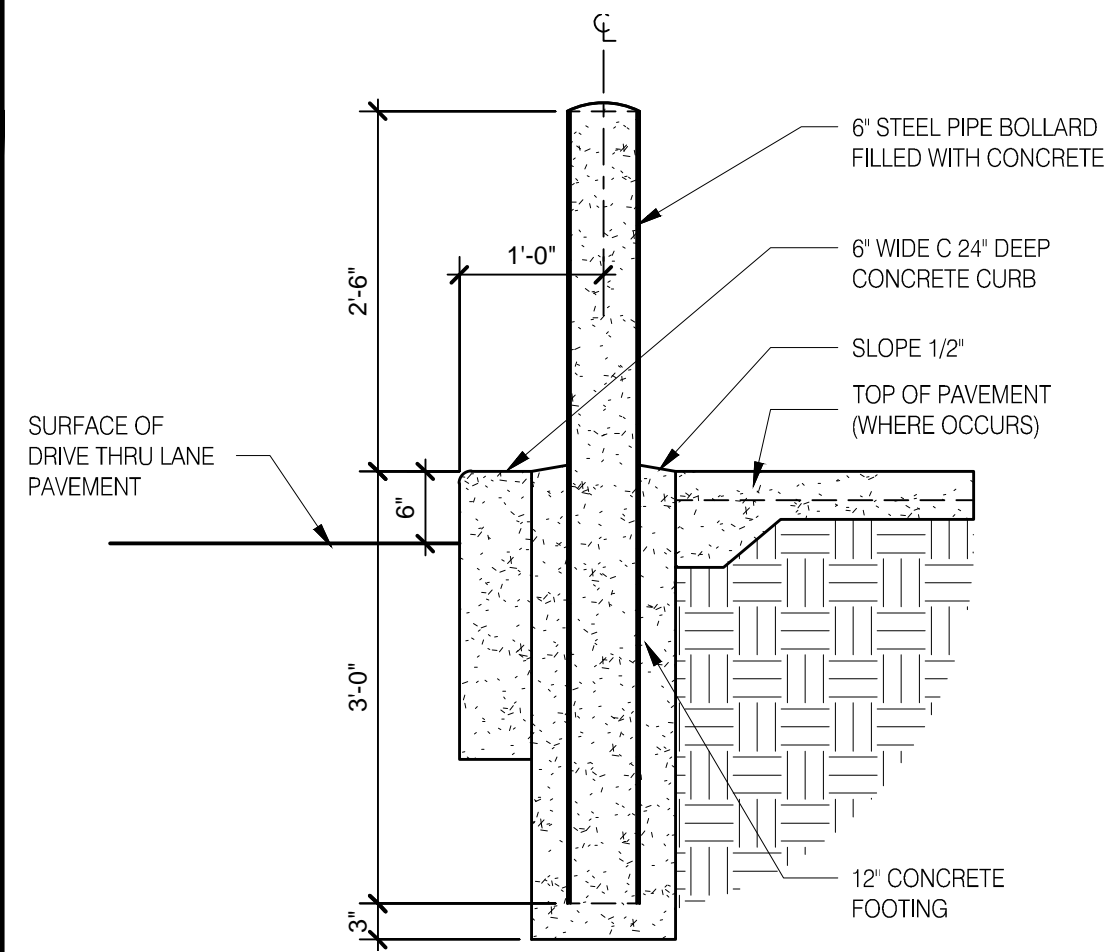
SP101



CANOPY AND SPEAKER FOOTING

N.T.S.

9



BOLLARD AT DRIVE THROUGH

N.T.S.

8

NOT USED

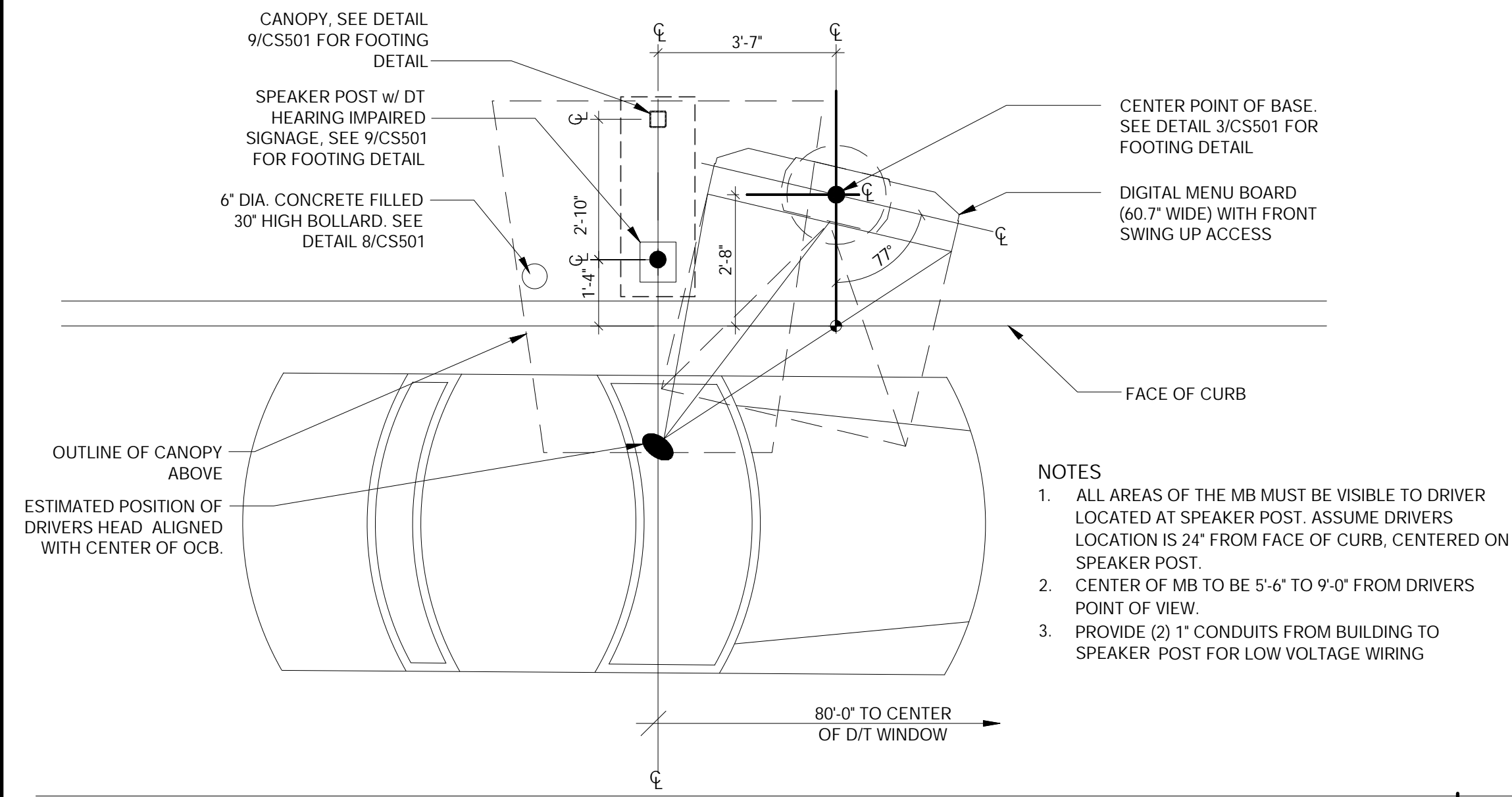
- SOW FOR DMB INSTALL AND VENDORS**
- RSCS TO SUPPLY DMB AND CABLE
 - SIGN VENDOR TO SUPPLY ANCHOR BOLTS AND BOLT PATTERN TO GC.
 - SITE SURVEY - SIGN VENDOR
- NEW BUILD**
- TRENCHING/ CONDUIT - GC
 - FORMING/ FOUNDATION/ ANCHOR BOLTS - GC
 - DMB INSTALL - SIGN VENDOR
 - DMB CABLE PULL - SIGN VENDOR
 - DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR
 - ELECTRICAL - PULL BY GC - DEDICATED CIRCUIT
- REMODEL (SUCCESSOR MANDATORY - MIDTERM OPTIONAL FOR FZ)**
- EXISTING FOOTING (SKIP TO STEP 4) - SIGN VENDOR
 - TRENCHING/ CONDUIT - SIGN VENDOR
 - FORMING/ FOUNDATION/ ANCHOR-BOLTS (SKIP TO STEP 5) - SIGN VENDOR
 - ANCHOR BOLTS - SIGN VENDOR
 - DIGITAL MD INSTALL - SIGN VENDOR
 - DMB CABLE PULL - SIGN VENDOR
 - DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR

- JUST DMB INSTALL**
- PERMITTING - SIGN VENDOR
 - EXISTING FOOTING (SKIP TO STEP 4) - SIGN VENDOR
 - TRENCHING/ CONDUIT - SIGN VENDOR
 - FORMING/ FOUNDATION/ ANCHOR-BOLTS (SKIP TO STEP 5) - SIGN VENDOR
 - ANCHOR BOLTS - SIGN VENDOR
 - DIGITAL MD INSTALL - SIGN VENDOR
 - DMB CABLE PULL - SIGN VENDOR
 - DMB FINAL CONNECTION AND SYSTEM CHECK - SIGN VENDOR

	REMODEL	NEW BUILDING	RETROFIT
FOUNDATION IS FURTHER THAN 6"	RECOMMEND NEW FOUNDATION WORK FOUNDATION PERFORMED BY GC	N/A	RECOMMEND NEW FOUNDATION WORK PERFORMED BY GC
USING EXISTING FOUNDATION (ALTHOUGH NOT RECOMMENDED)	-	N/A	-
INTEGRATED CANOPY EXISTS	-	N/A	-
BOLLARDS NEEDED - DO NOT PLACE IN FRONT OF MENUBOARD	WORK PERFORMED BY SIGNAGE INSTALLER	WORK PERFORMED BY SIGNAGE INSTALLER	WORK PERFORMED BY SIGNAGE INSTALLER

MENU BOARD SOW

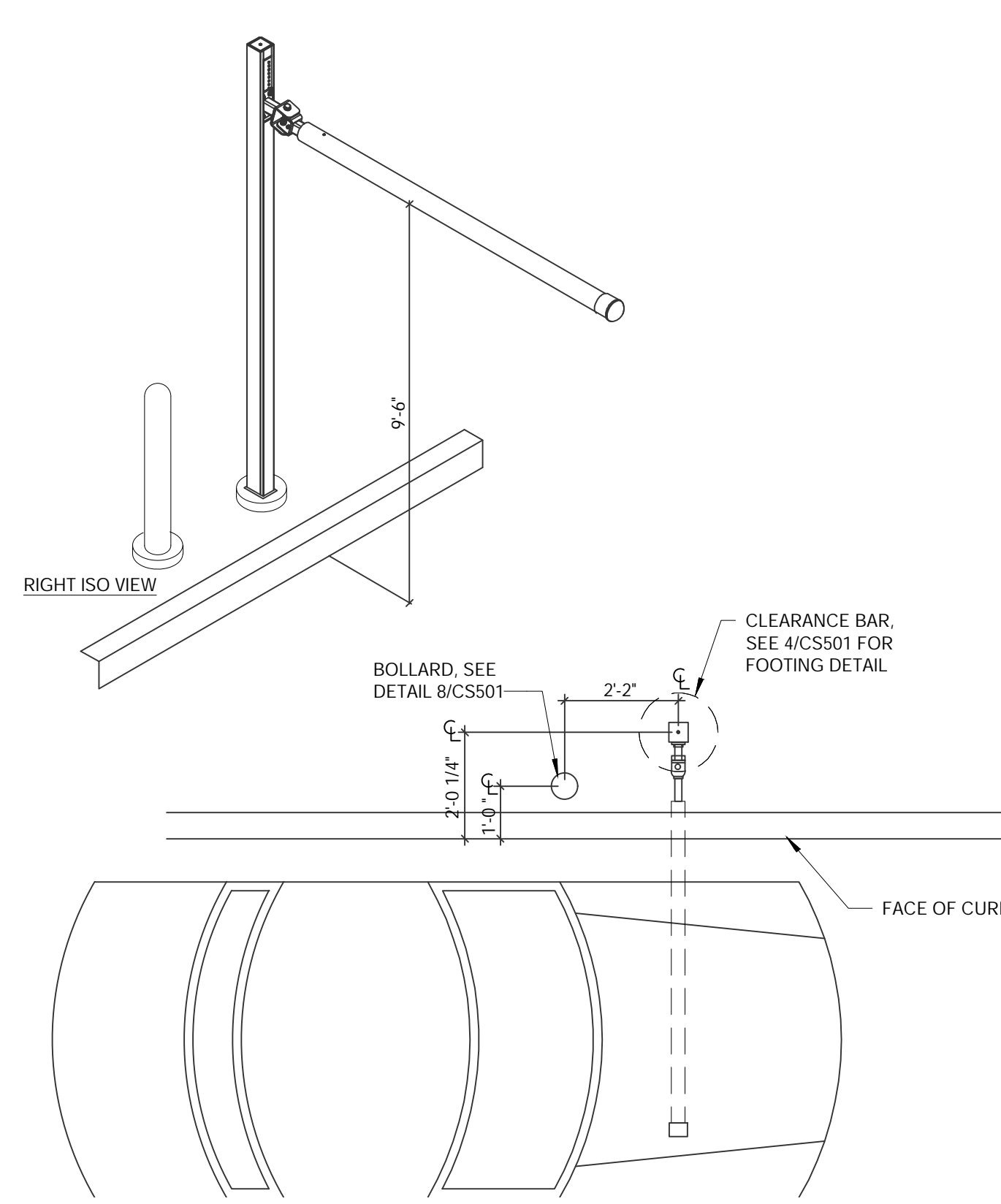
1



ENLARGED MENU BOARD DETAIL @ STRAIGHT CURB

3/8" = 1'-0"

2



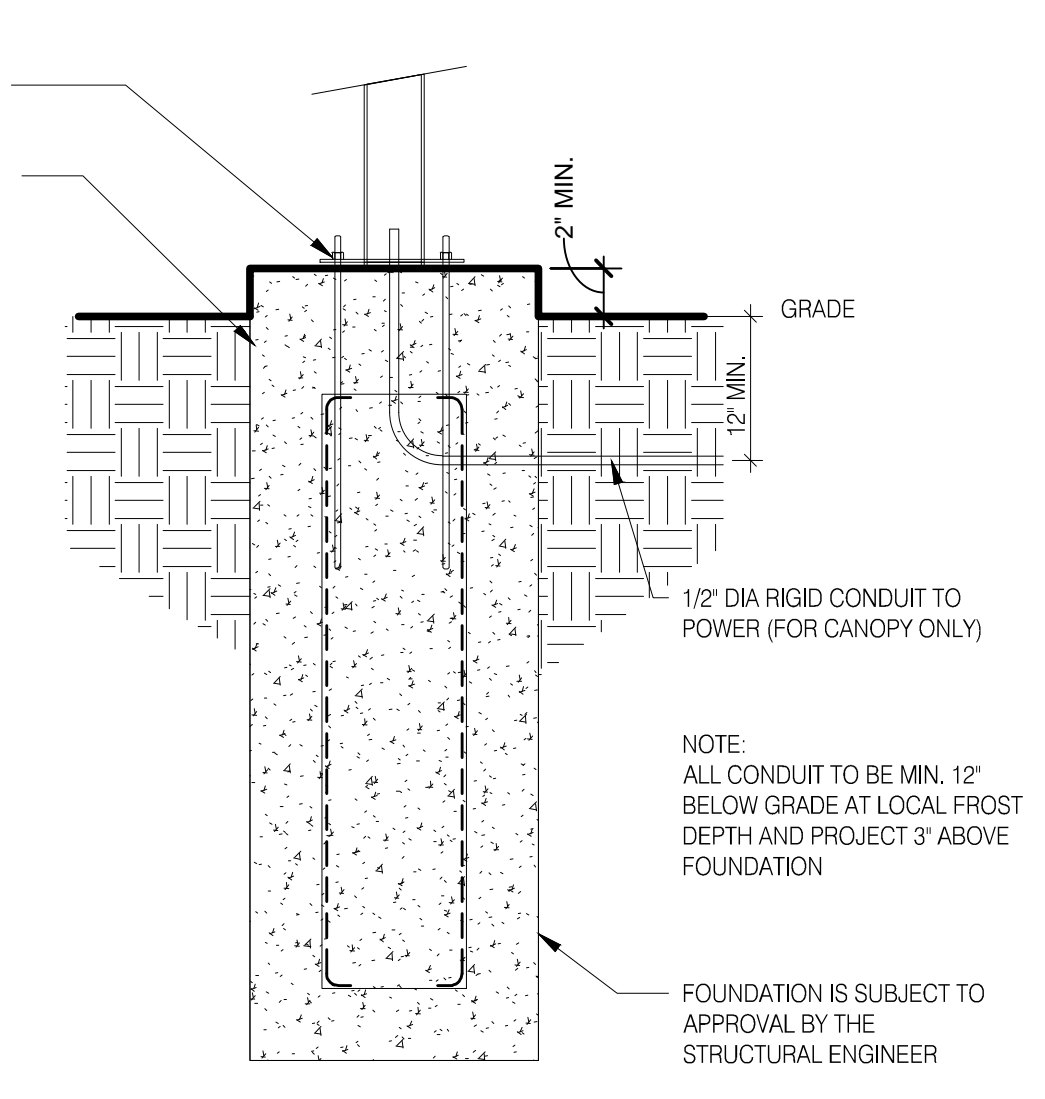
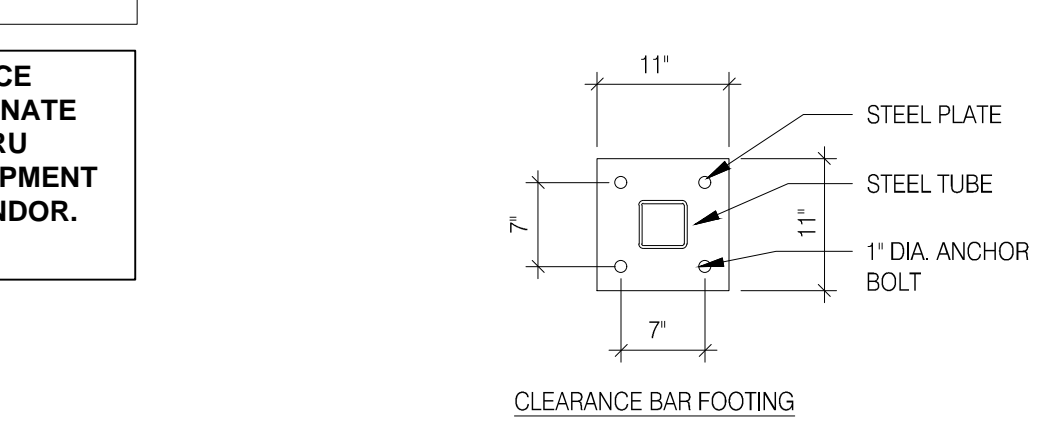
PORTAL PLACEMENT DETAIL

N.T.S.

5

NOTE:
REFER TO CURRENT CUT SHEETS FOR FOOTING BOLT DETAILS

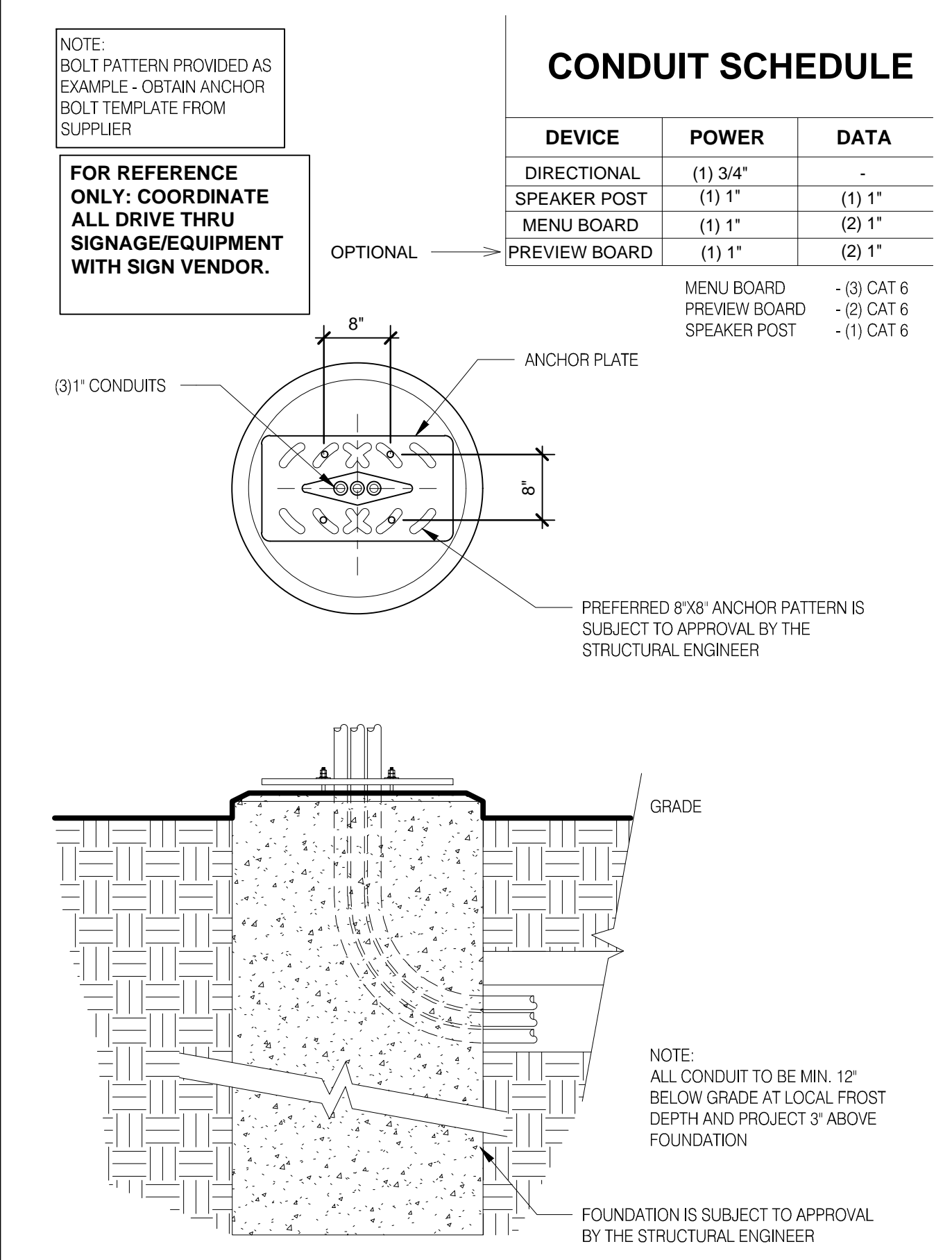
FOR REFERENCE ONLY: COORDINATE ALL DRIVE THRU SIGNAGE/EQUIPMENT WITH SIGN VENDOR.



CLEARANCE BAR FOOTING

N.T.S.

4



MENU FOUNDATION

N.T.S.

3

16007R21013

DEVICE	POWER	DATA
DIRECTIONAL	(1) 3/4"	-
SPEAKER POST	(1) 1"	(1) 1"
MENU BOARD	(1) 1"	(2) 1"
PREVIEW BOARD	(1) 1"	(2) 1"

MENU BOARD - (3) CAT 6
PREVIEW BOARD - (2) CAT 6
SPEAKER POST - (1) CAT 6

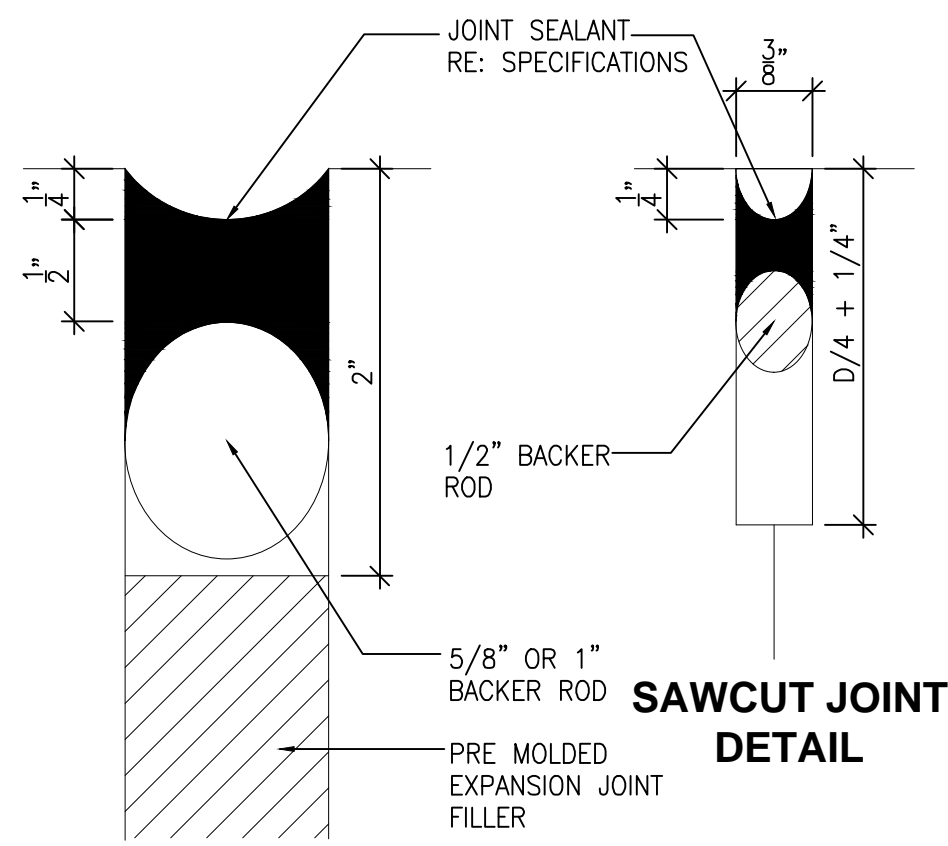
TACO BELL
5310 S. SCATTERFIELD RD
ANDERSON, IN 46013

MIDTERM PROTOTYPE
DRIVE THRU SITE DETAILS
SP501

DS



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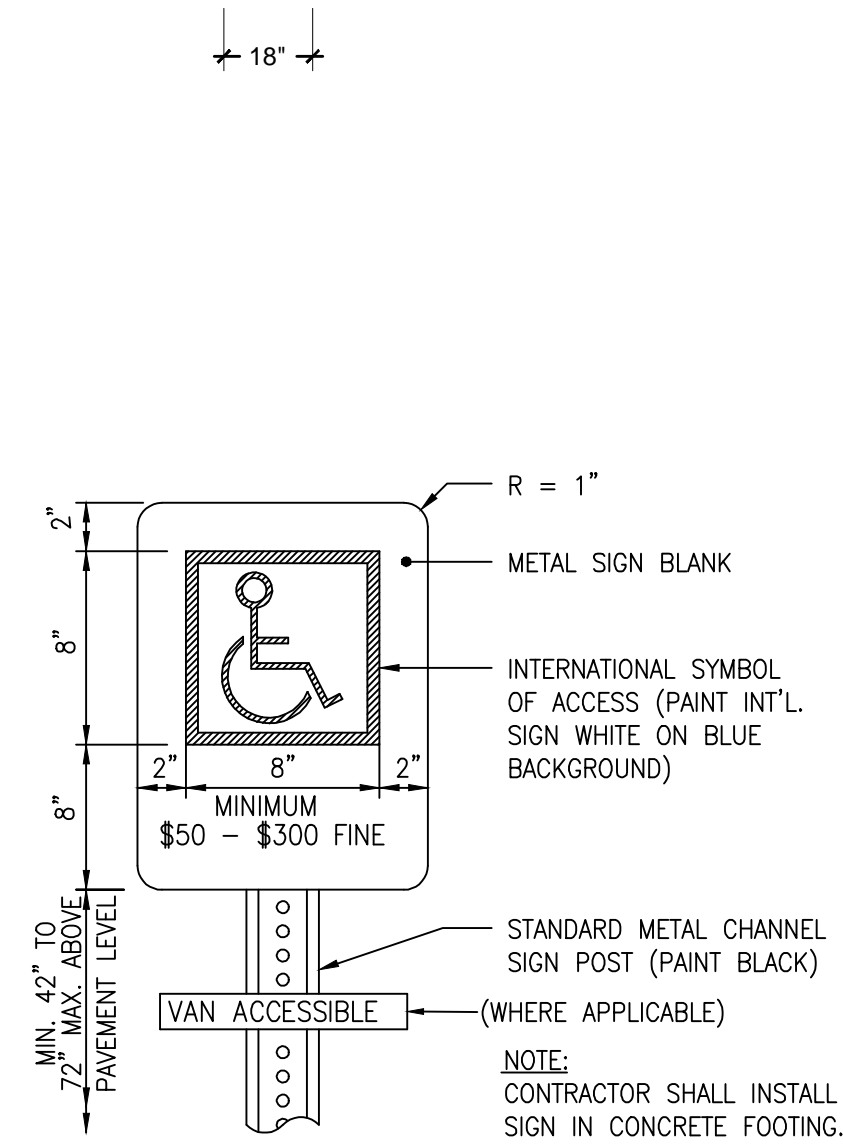


EXPANSION JOINT DETAIL

CONCRETE JOINT SEALANT

N.T.S.

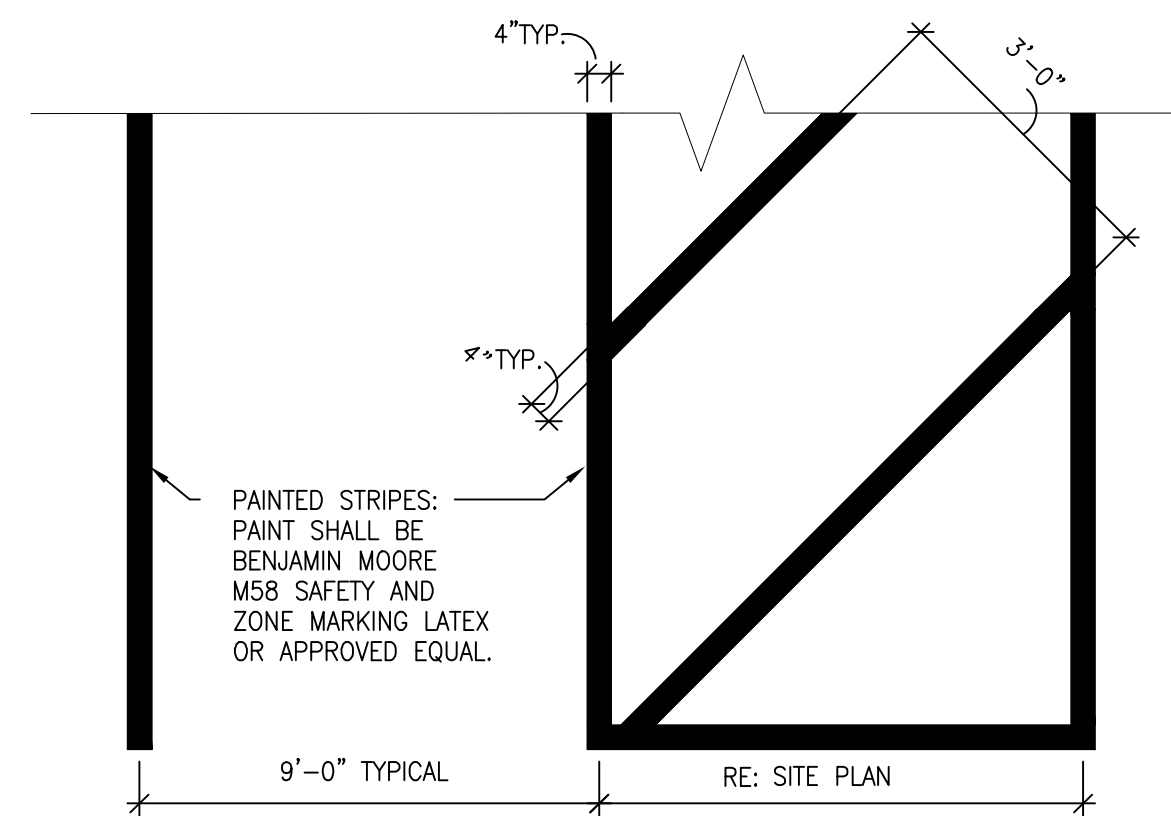
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ACCESSIBLE PARKING SIGN

N.T.S.

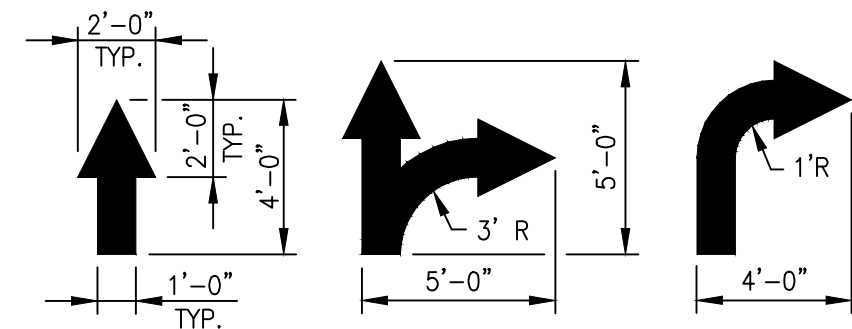
8



PARKING STRIPING

1/2"=1'-0"

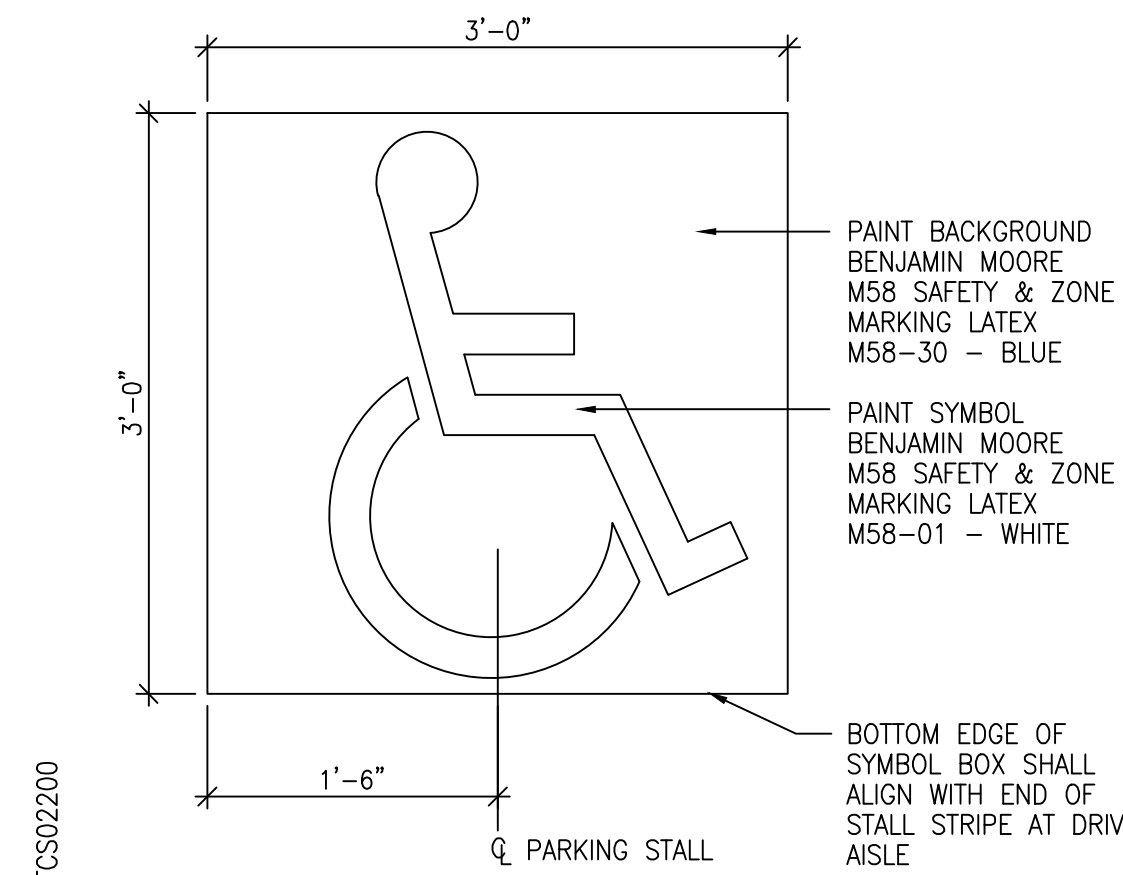
13



PAINTED TRAFFIC ARROWS

N.T.S.

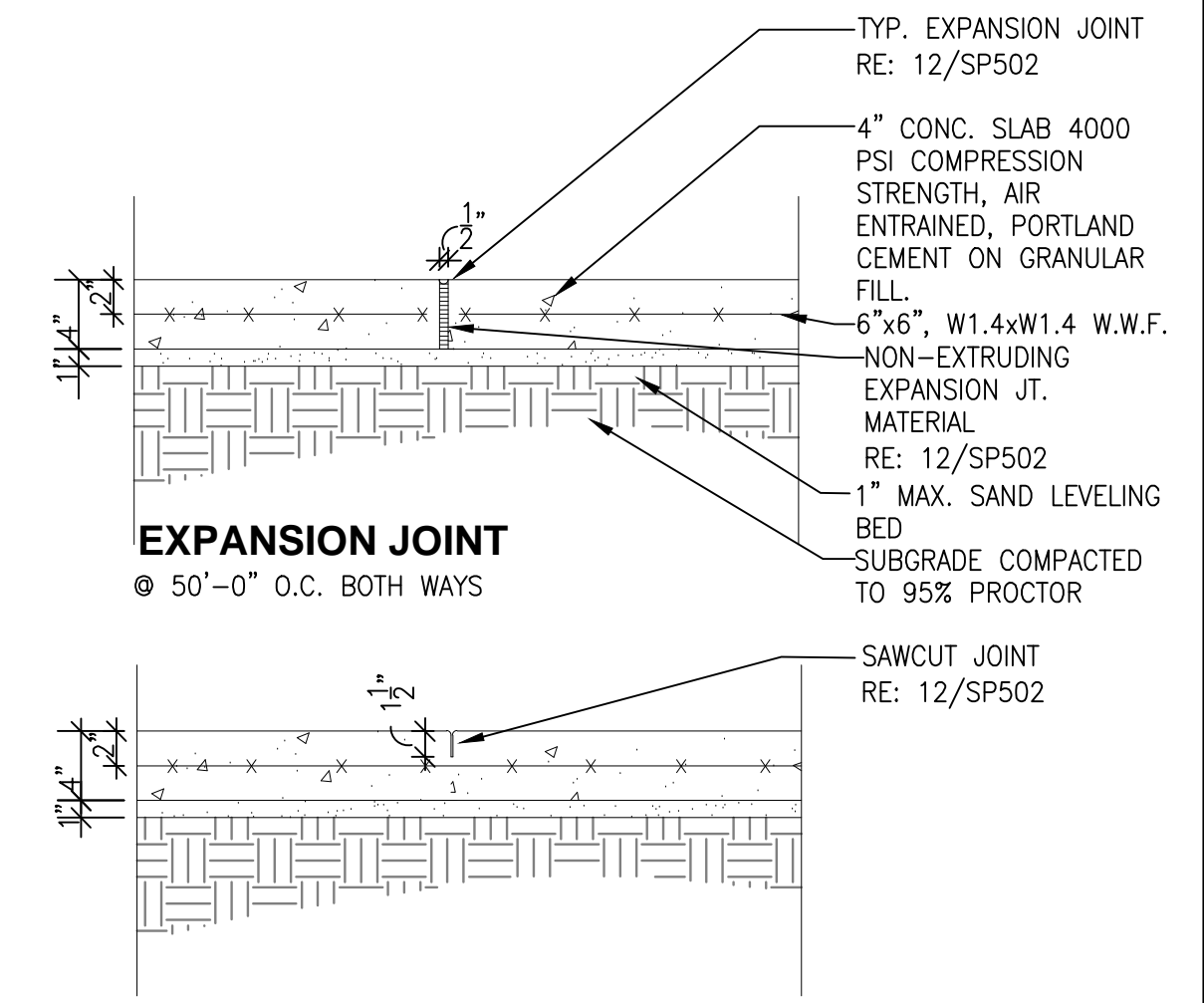
9



HANDICAP PAVEMENT SYMBOL

1"=1'-0"

4



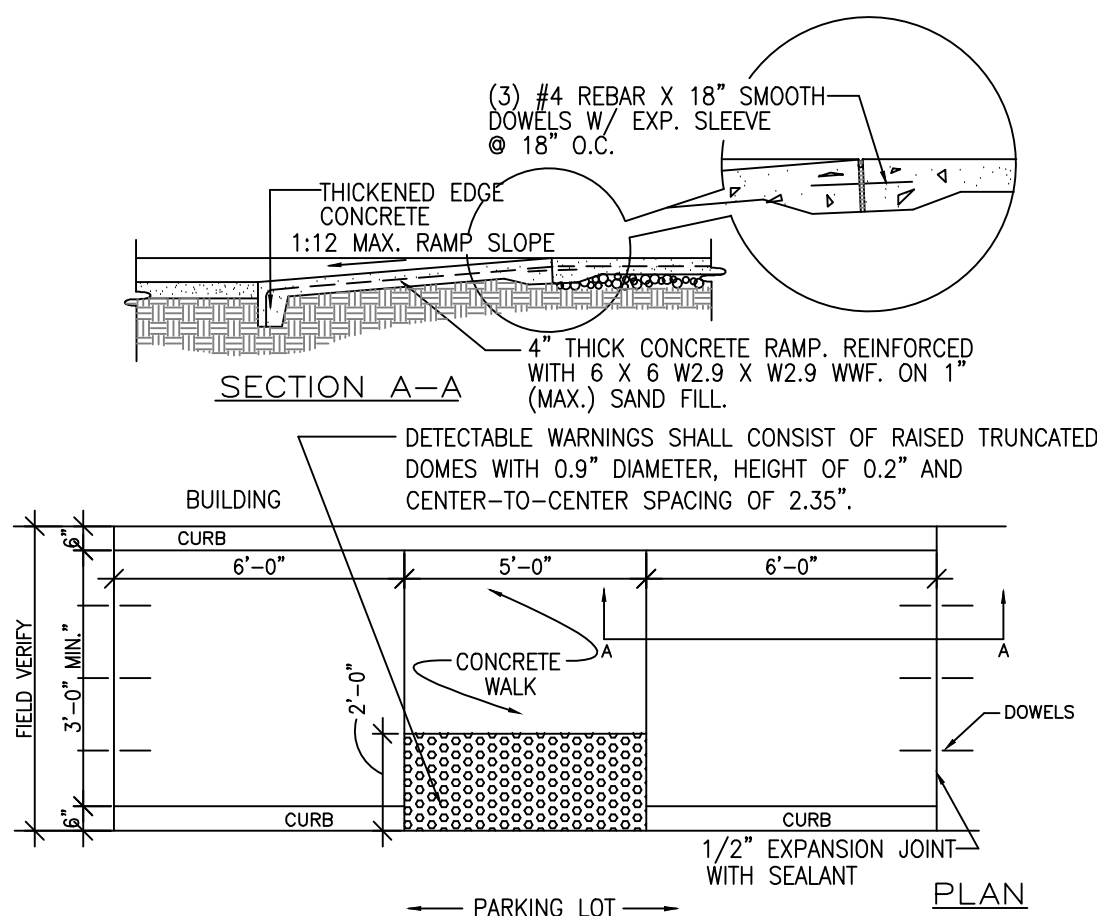
EXPANSION JOINT

PLACE CONTRACTION JOINTS AT DISTANCE EQUAL TO WIDTH OF WALK (unless otherwise noted on plans)

4" CONCRETE PAVEMENT

N.T.S.

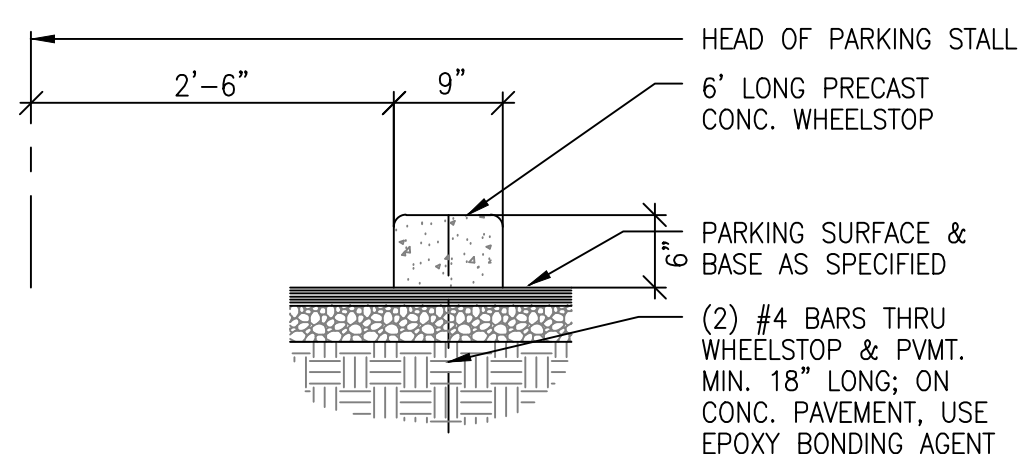
1



HANDICAP ACCESS RAMP

N.T.S.

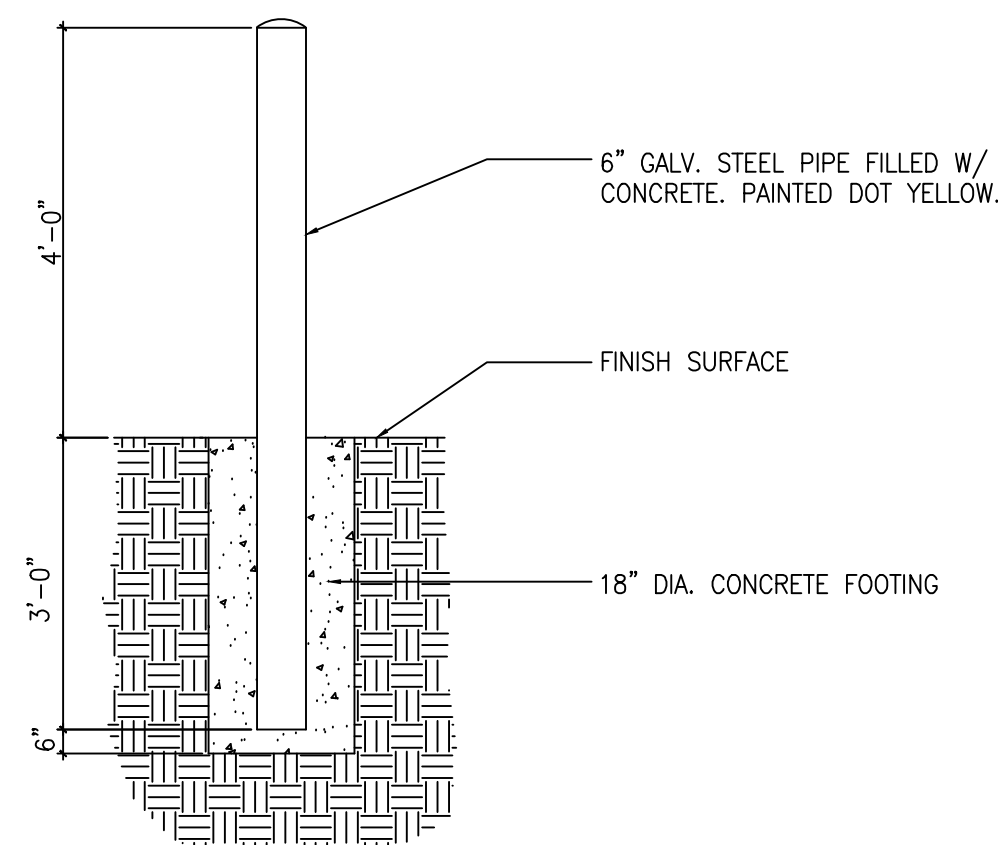
14



CONCRETE WHEELSTOP

N.T.S.

15



BOLLARD DETAIL @ CURB

1/2"=1'-0"

10

NOT USED

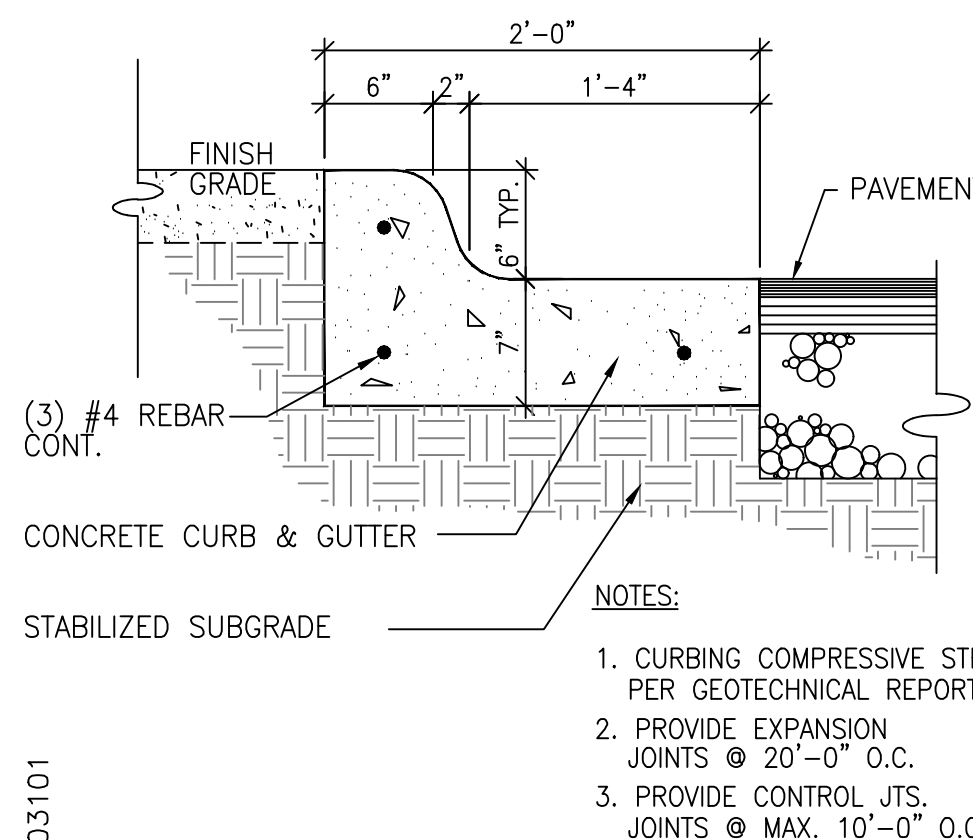
N.T.S.

5

NOT USED

N.T.S.

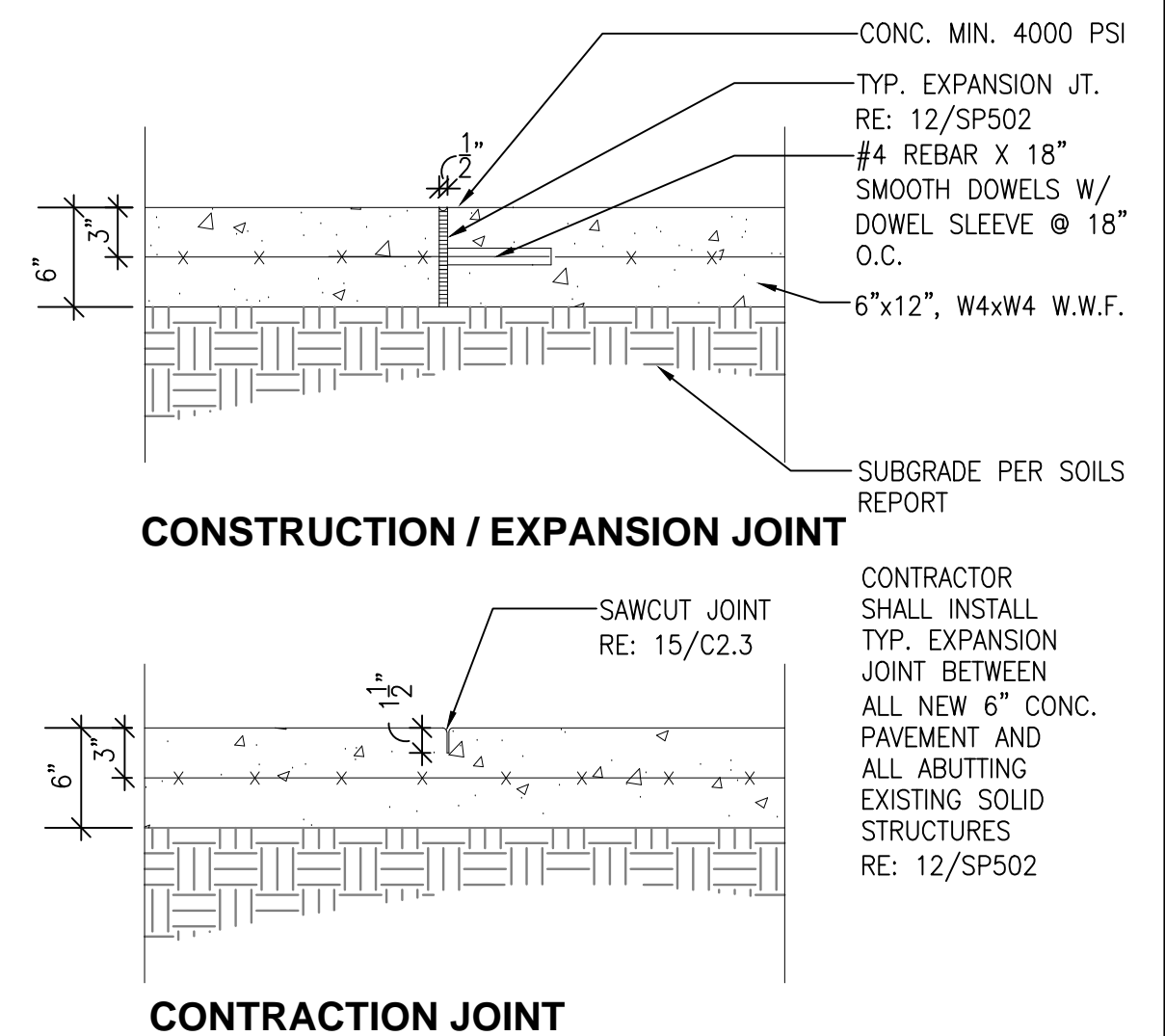
6



CONCRETE CURB AND GUTTER

N.T.S.

7



CONSTRUCTION / EXPANSION JOINT

CONTRACTION JOINT

6" CONCRETE PAVEMENT

N.T.S.

2

NOT USED

N.T.S.

3



MATTHEW F. CORTEZ, AIA
FLORIDA LICENSE NO. AR101465
14024R21002

CONTRACT DATE: 11.19.21
BUILDING TYPE: TYPE M
PLAN VERSION: ENDEAVOR
BRAND DESIGNER:
SITE NUMBER:
STORE NUMBER: 23299

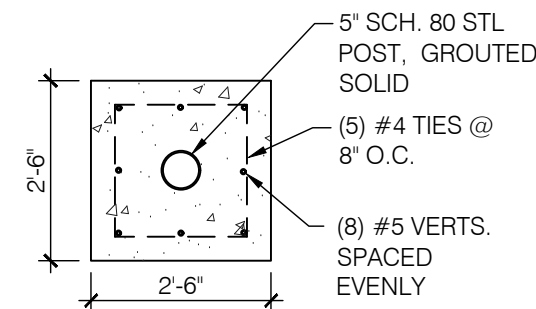
TACO BELL
5147 S. KIRKMAN ROAD
ORLANDO, FL

TACO BELL
**SUCCESSOR
PROTOTYPE**

**SITE
DETAILS**

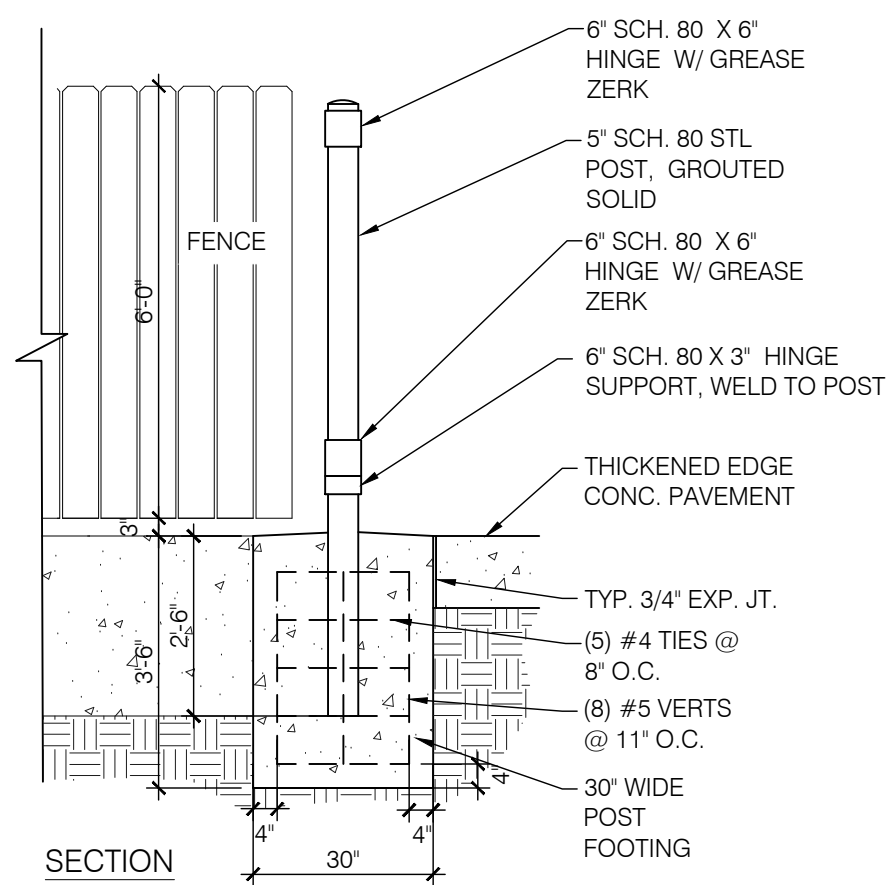
SP502

DS



SINGLE GATE POST FOOTING

PLAN VIEW



SECTION

GATE POST FOOTING N.T.S. F

NOT USED N.T.S. D

GATE HARDWARE: ALL HARDWARE AND ACCESSORIES SHALL BE HEAVY GALVANIZED.

GATE STOP: MUSHROOM TYPE OR FLUSH PLATE WITH ANCHORS SET IN CONCRETE TO ENGAGE THE CENTER DROP ROD OR PLUNGER BAR.

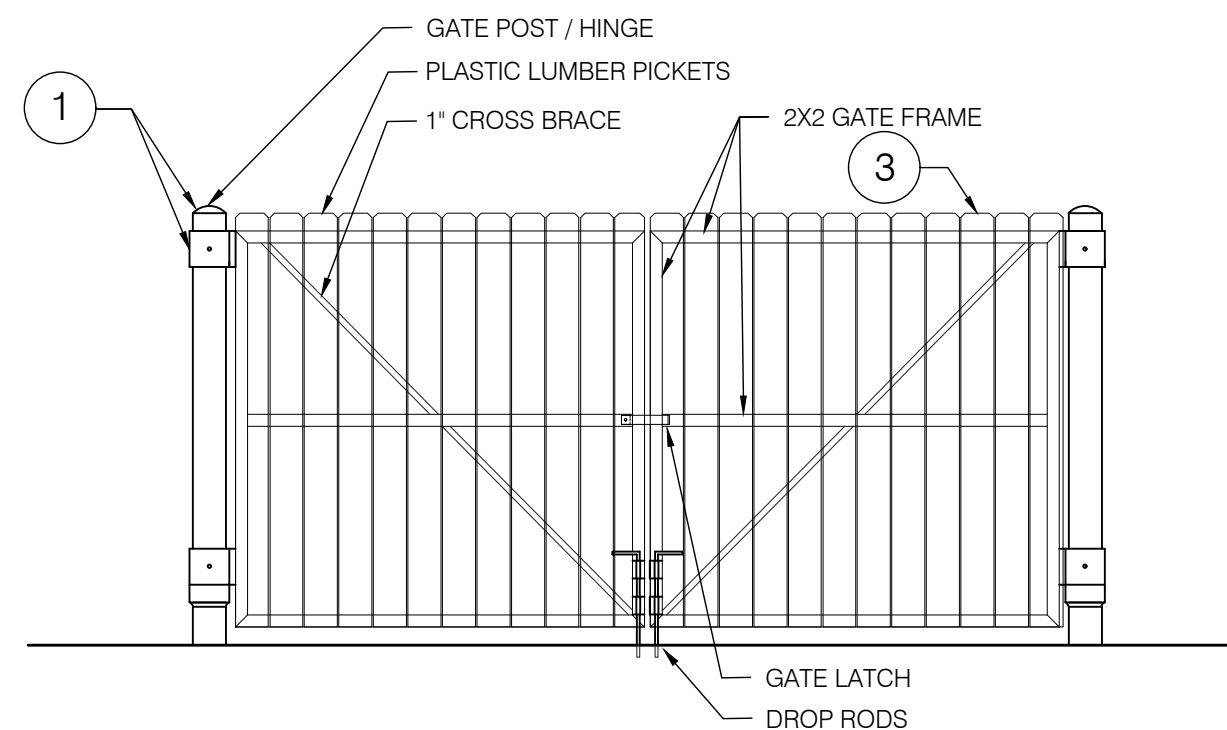
GATE NOTES: (4) EQUAL WIDE x 6'-0" HIGH MTL. GATES, TYPE 'B' 1 1/2" DECKING, 22GA. W/ T.S. 1 X .1875 BAR CROSS BRACING WELD AND GRIND SMOOTH ALL CONNECTIONS, TYP. PRIME AND PAINT ALL STEEL COMPONENTS.

ENCLOSURE NOTES N.T.S. I

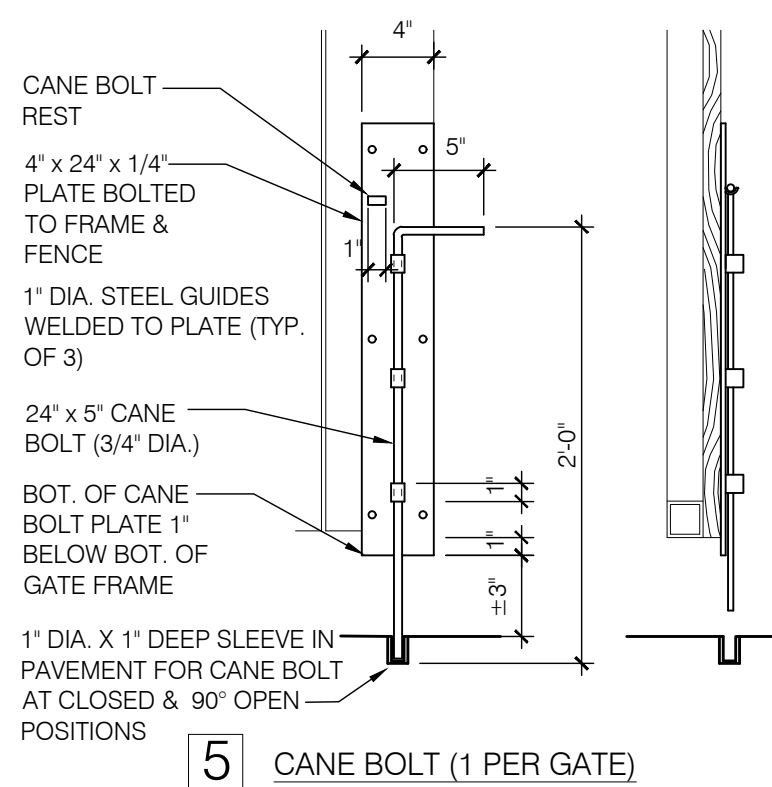
SYMBOL	AREA	MANUFACTURER	COLOR
1	GATE FRAME/POST COLOR	SHERWIN WILLIAMS	BRAINSTORM BRONZE SW7033
2	PIPE BOLLARDS	SHERWIN WILLIAMS	SAFETY YELLOW
3	PLASTIC LUMBER PICKETS (GATES)	TREX OR EQUAL	TO MATCH BRAINSTORM BRONZE SW 7033
4	CMU ENCLOSURE	SHERWIN WILLIAMS	WORDLY GREY SW7043

VERIFY ALL COLORS WITH ARCHITECT PRIOR TO CONSTRUCTION

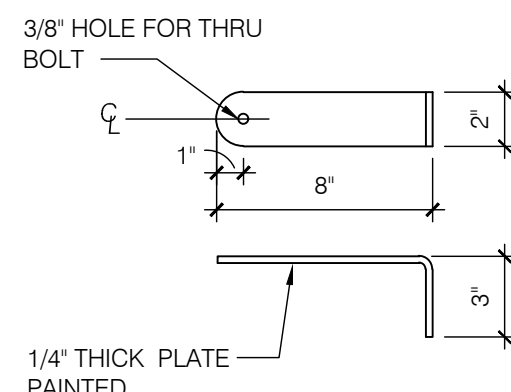
SCHEDULE N.T.S. G



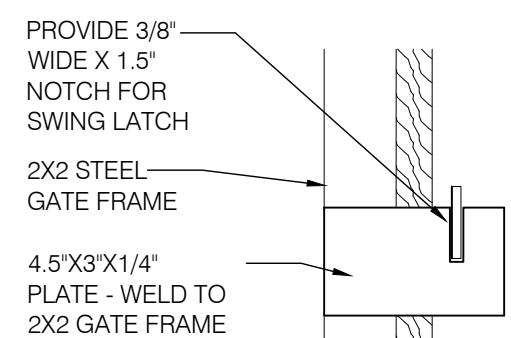
FRONT ELEVATION N.T.S. E



5 CANE BOLT (1 PER GATE)

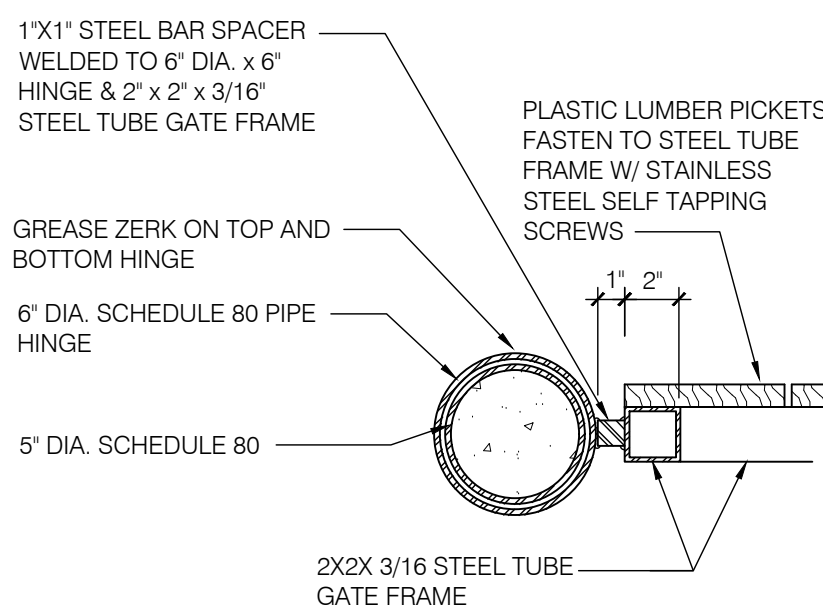


4 GATE HANDLE

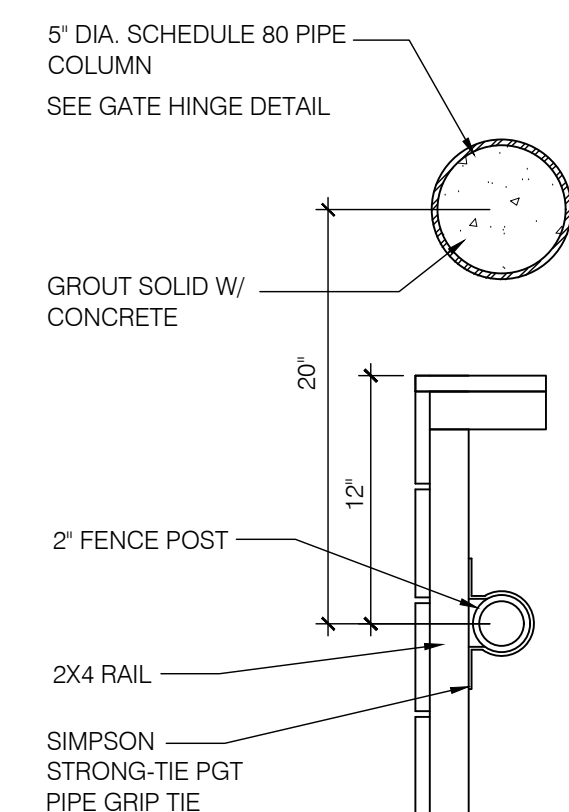


3 STOP PLATE SECTION

NOTES:
1. MOUNT 48" ABOVE TOP OF PAVEMENT.
2. ALIGN STOP PLATE WITH SWING LATCH.



2 GATE HINGE DETAIL

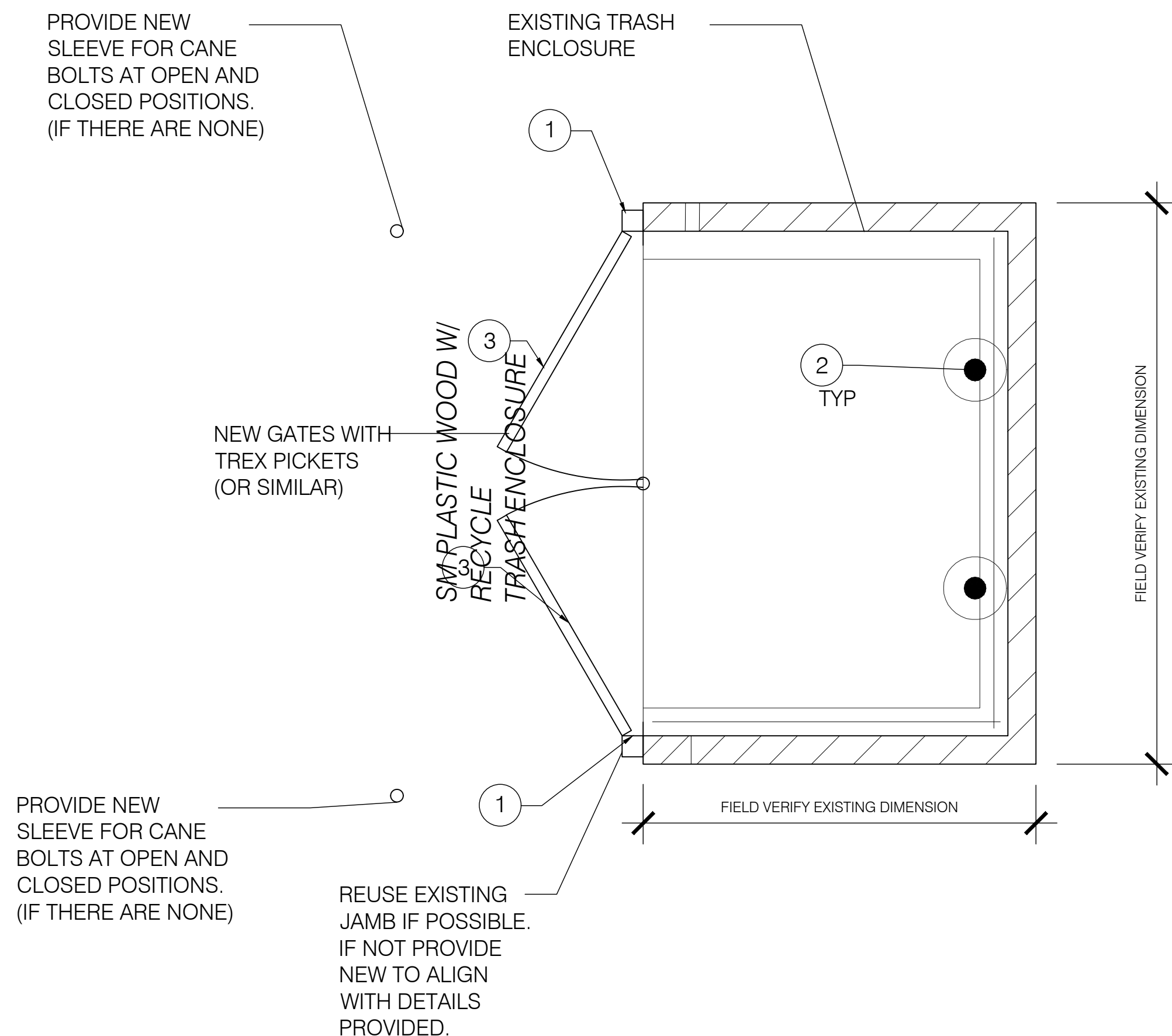


1 JAMB DETAIL

GATE DETAILS VARIES C

PROVIDE NEW SLEEVE FOR CANE BOLTS AT OPEN AND CLOSED POSITIONS. (IF THERE ARE NONE)

EXISTING TRASH ENCLOSURE



PROVIDE NEW SLEEVE FOR CANE BOLTS AT OPEN AND CLOSED POSITIONS. (IF THERE ARE NONE)

REUSE EXISTING JAMB IF POSSIBLE. IF NOT PROVIDE NEW TO ALIGN WITH DETAILS PROVIDED.

NOT USED

B

I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed architect under the laws of the state of Iowa.

Steven T. Wise Date

License number ARC07896
Renewal date June 30, 2023
All pages and sheets are covered by this seal.

21678R21003

- △
- △
- △
- △
- △

CONTRACT DATE: 01.18.2022
BUILDING TYPE: TYPE T-K
PLAN VERSION:
BRAND DESIGNER:
SITE NUMBER:
STORE NUMBER: 37478

TACO BELL

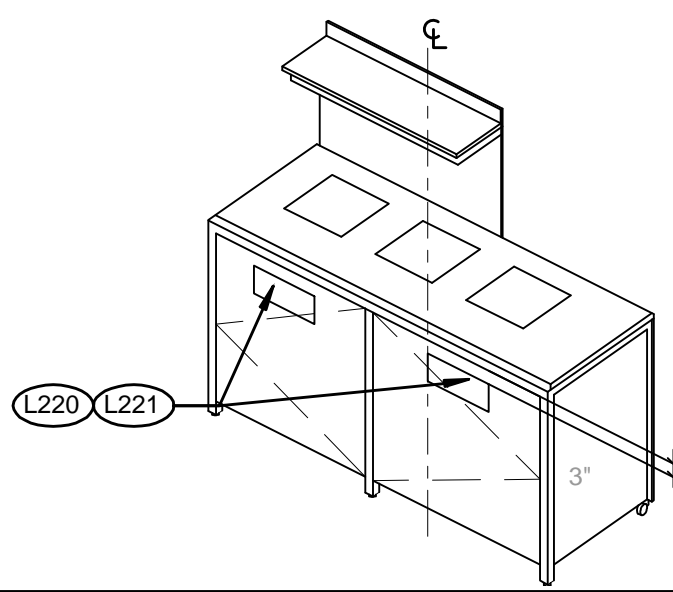
320 11th St. SW Plaza
Spencer, IA 51301



SUCCESSOR
PROTOTYPE

ENCLOSURE
GATE DETAILS
SP503

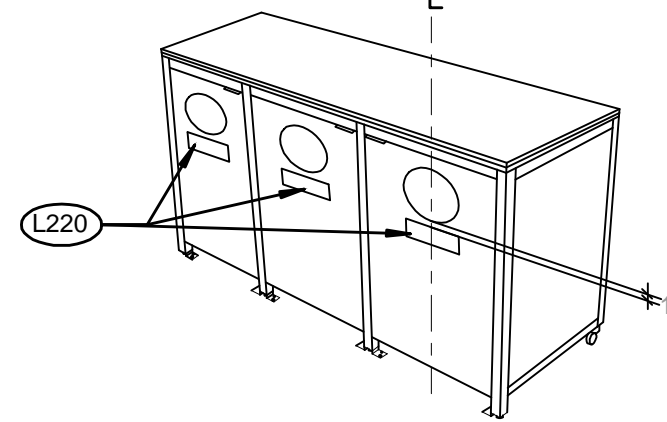
DUMPSTER PLAN N.T.S. A



3-STREAM TRASH

N.T.S.

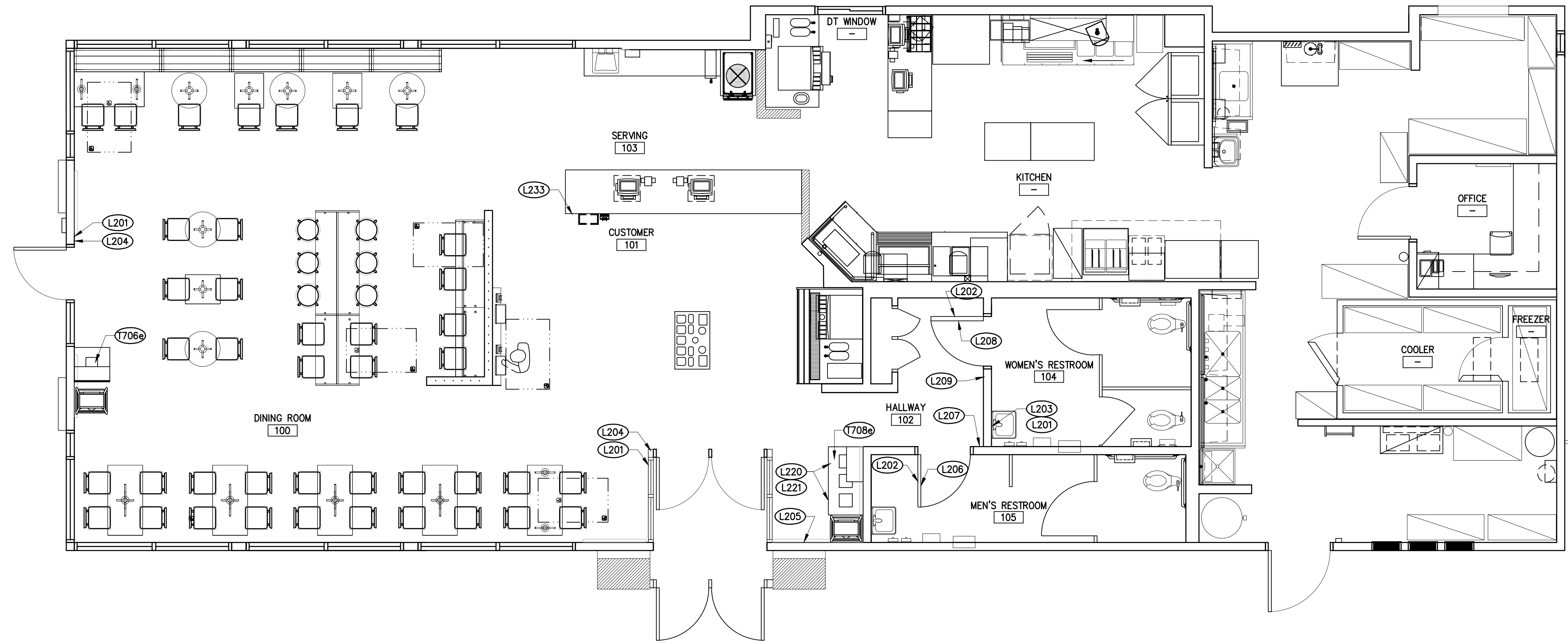
4



3-STREAM EXTERIOR

N.T.S.

5



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CONTRACT DATE: 01.18.2022
BUILDING TYPE: TYPE T-K
PLAN VERSION: -
BRAND DESIGNER: -
SITE NUMBER:
STORE NUMBER: 37478

TACO BELL
320 11th St. SW Plaza
Spencer, IA 51301



SUCCESSOR
PROTOTYPE

SIGNAGE PLAN

G4.0

DS

SIGNAGE PLAN 1/4" = 1'-0" 1

TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT
L201	Smoking	No Smoking or electronic cigarette use. This is a smoke free establishment	1/16 x 9 x 6	60" A.F.F.	4	1 in each restroom, 1 at each door
L202	Clean Restroom	To our customers: We check our restrooms every 30 minutes to make sure they are always ready for you. If we have missed something, please tell our manager on duty. Thank you	1/16 x 6 x 9	60" A.F.F.	2	1 inside each restroom (back of restroom door)
L203	Hand Wash Notice	Employees must wash hands before returning to work	1/16 x 6 x 6	60" A.F.F.	2	1 inside each restroom near sink
L204	Exit (w/ Braille)	Exit	1/16 x 6 x 6	60" A.F.F.	2	1 at each customer exit, mounted on wall, according to ADA guidelines
L205	Occupancy	Maximum occupancy xxx persons	1/16 x 6 x 6	8" to center of sign	1	Above customer exit. Only 1 is needed
L206	Men's Restroom Triangle (W/B)	INFOGRAPHIC of male	1/4 x 12 x 12	60" A.F.F.	1	Mounted on men's restroom door
L207	Men's Restroom (w/ Braille)	INFOGRAPHIC of male and braille to read: Men's restroom	1/4 x 10 x 6.5	60" A.F.F.	1	Mounted on wall next to restroom door. refer to plans and ADA guidelines for exact location
L208	Women's Restroom Circle (W/B)	INFOGRAPHIC of female	1/4 x 12 x 12	60" A.F.F.	1	Mounted on women's restroom door
L209	Women's Restroom (w/ Braille)	INFOGRAPHIC of female and braille to read: Women's restroom	1/4 x 10 x 6.5	60" A.F.F.	1	Mounted on wall next to restroom door. refer to plans and ADA guidelines for exact location
L233	If you need assistance? ADA	Please ask if you need assistance. And ADA infographic	1/16 x 3 x 6	60" A.F.F.	1	At front counter

STANDARD REQUIRED SIGNAGE

3

TAG	SIGN DESCRIPTION	SIGN VERBIAGE	SIZE	MOUNTING HEIGHT	QTY	LOCATION IN RESTAURANT	LOCATION EQUIVALENT
L220	Landfill / Compost / Recycle	Landfill / Compost / Recycle	1/16 x 8.5 x 3	60" A.F.F.	SET OF 3	Mount on front doors of trash receptacle at top. Match label with shape on top of trash receptacle	L221 (use if restaurant is NOT COMPOSTING)
L221	Landfill / Plastic, Metal, Glass / Paper	Landfill / Plastic, Metal, Glass / Paper	1/16 x 8.5 x 3	60" A.F.F.	SET OF 3	Mount on front doors of trash receptacle at top. Match label with shape on top of trash receptacle	L220 (use if restaurant is COMPOSTING)

ALTERNATE SIGNAGE

2



3 STREAM TRASH 1 - BIN LABELS (L220) 13



WOMEN RESTROOM WHITE SIGN (L208) 9



EXIT BRAILLE SIGN (L204) 5



NO SMOKING SIGN (L201) 1



3 STREAM TRASH 2 - LABELS (L221) 14



WOMEN RESTROOM BRAILLE SIGN (L209) 10



OCCUPANCY SIGN (L205) 6



TO OUR CUSTOMERS

We check our restrooms every 30 minutes to make sure they are always ready for you. If we have missed something, please tell our manager on duty

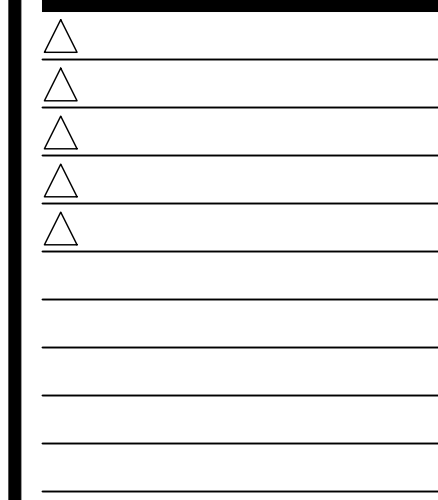
Thank you

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21678R21003



CONTRACT DATE: 01.18.2022
BUILDING TYPE: TYPE T-K
PLAN VERSION: -
BRAND DESIGNER: -
SITE NUMBER:
STORE NUMBER: 37478

TACO BELL
320 11th St. SW Plaza
Spencer, IA 51301

TACO BELL
SUCCESSOR PROTOTYPE

SIGNAGE DETAILS

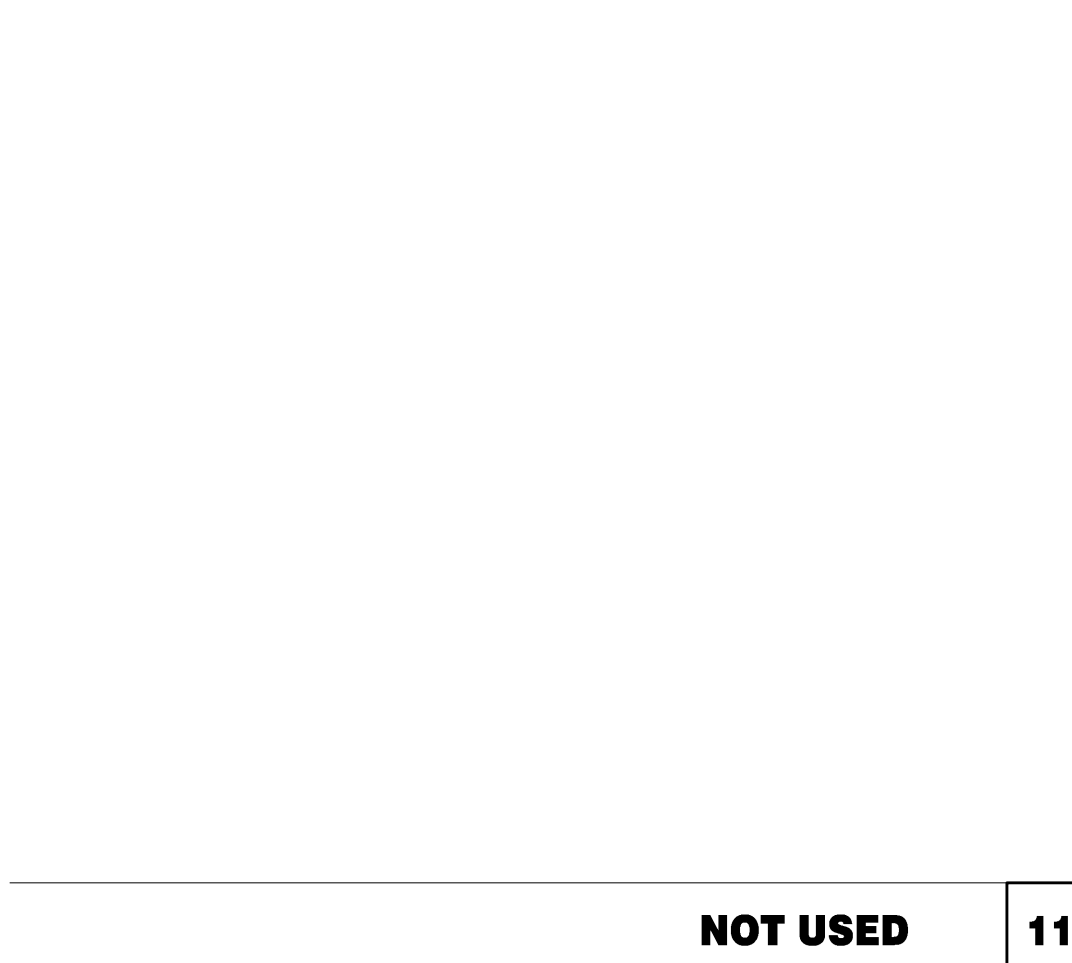
G4.1

DS

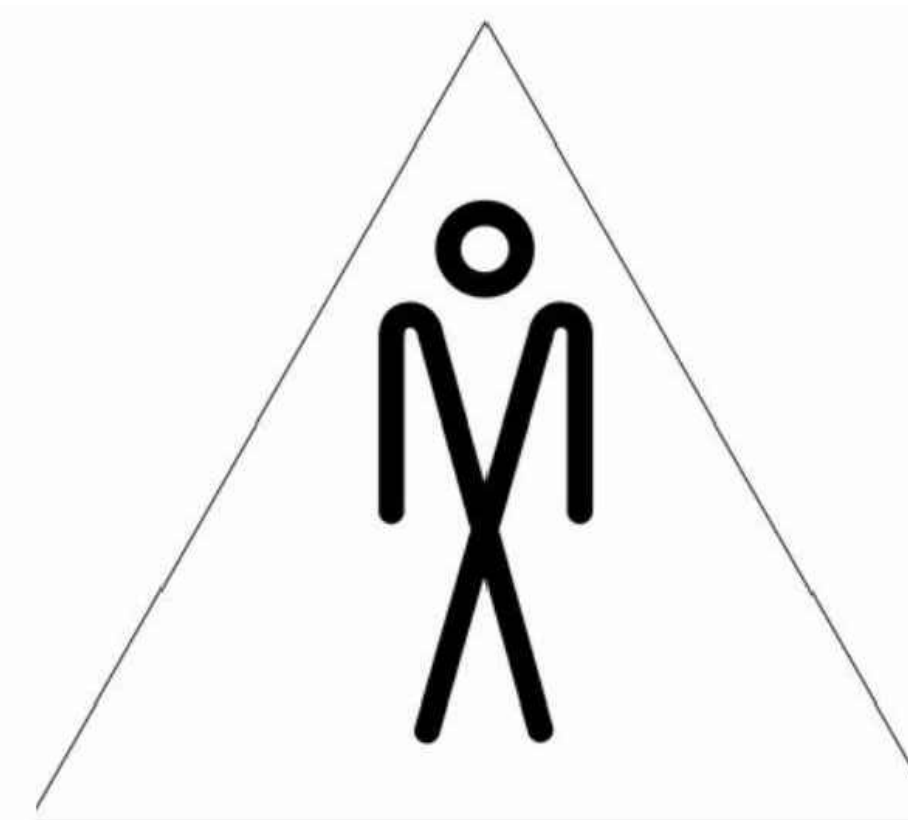
www.glmv.com

1525 E. Douglas, Wichita, KS 67211
Tel: (316) 265-9367

GLMV ARCHITECTURE



NOT USED 11



MEN RESTROOM WHITE SIGN (L206) 7



IF YOU NEED ASSISTANCE (L233) 12



MEN RESTROOM BRAILLE SIGN (L207) 8

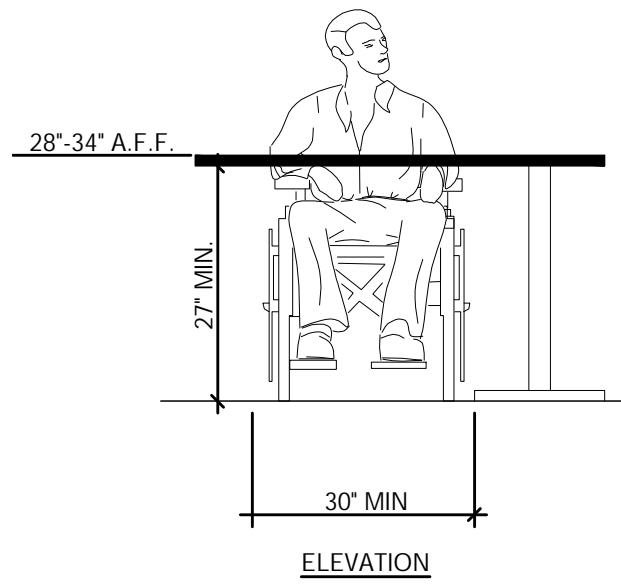


HAND WASH NOTICE SIGN (L203) 4

TOTAL SEATS ACCESSIBLE SEATS

1 - 20	1
21-40	2
41-60	3
61-80	4
81-100	5
101-120	6
121-140	7

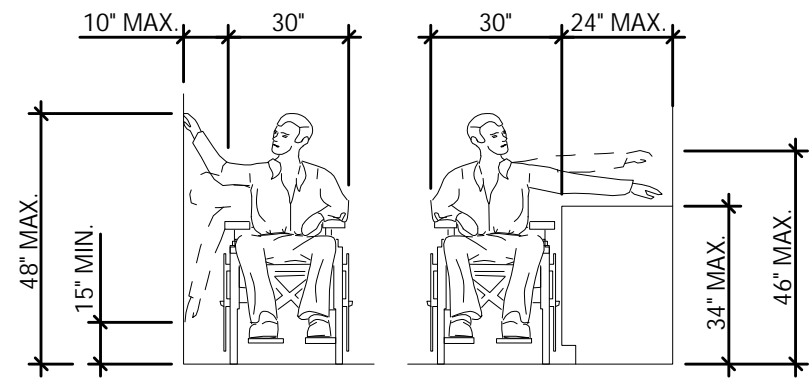
NUMBER OF ACCESSIBLE SEATS



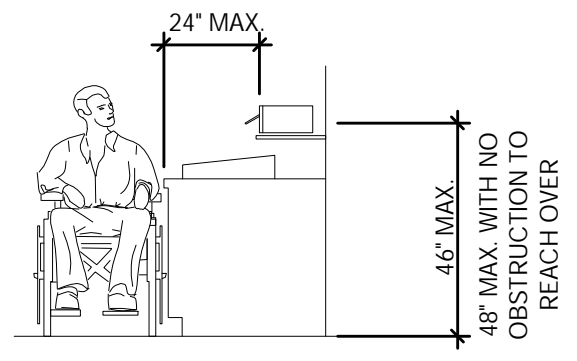
SEATING AND TABLES

N.T.S.

18



EXAMPLE: DRINK MACHINE, ETC.



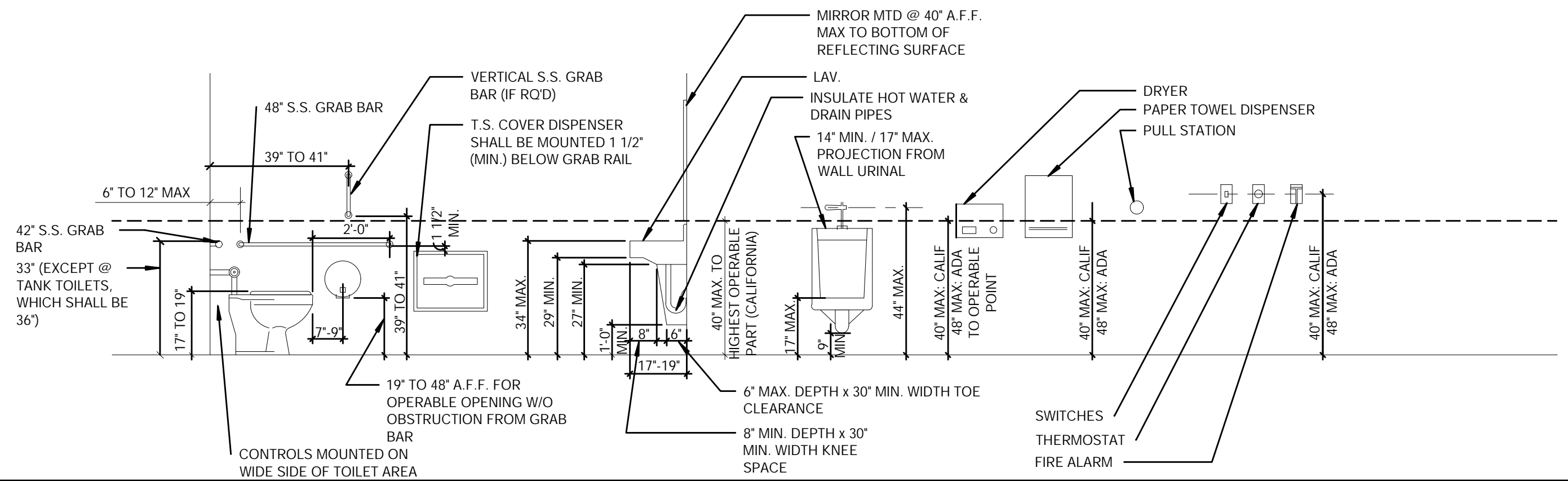
REACH RANGES

N.T.S.

14

NOTES:

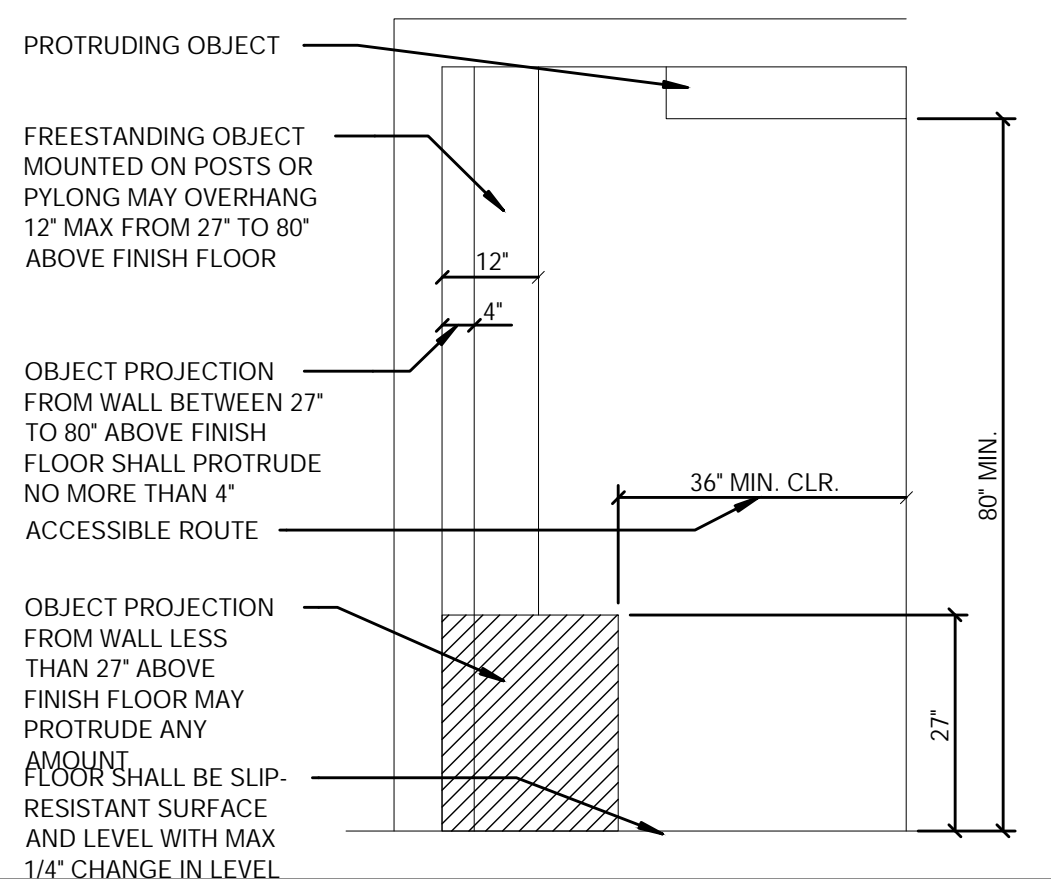
- TOP OF GRIPPING SURFACE 33" TO 36" MAX TO THE TOP OF THE BAR. SEE NOTES BELOW
- 12" MINIMUM CLEAR ABOVE GRAB BAR



MOUNTING HTS. & CLEARANCE FOR ACCESSIBILITY BY THE DISABLED

N.T.S.

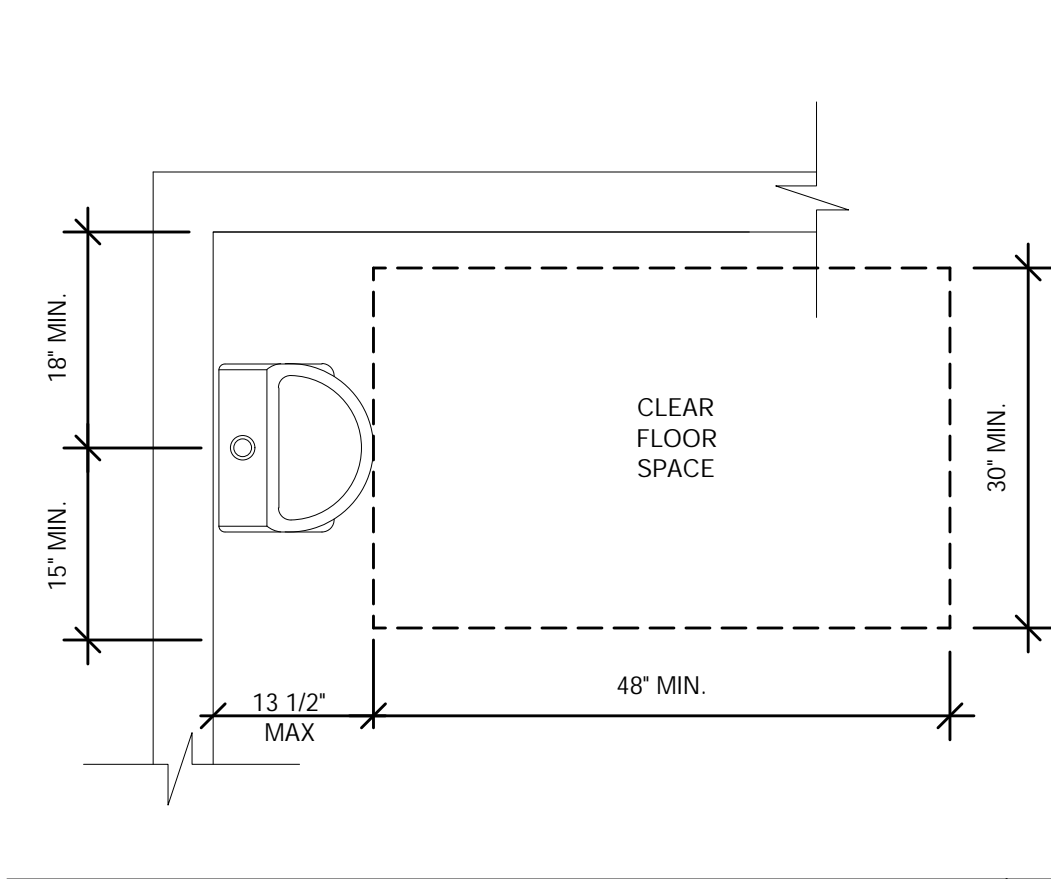
1



INT. ACCESS. ROUTE CLEARANCES

1/2" = 1'-0"

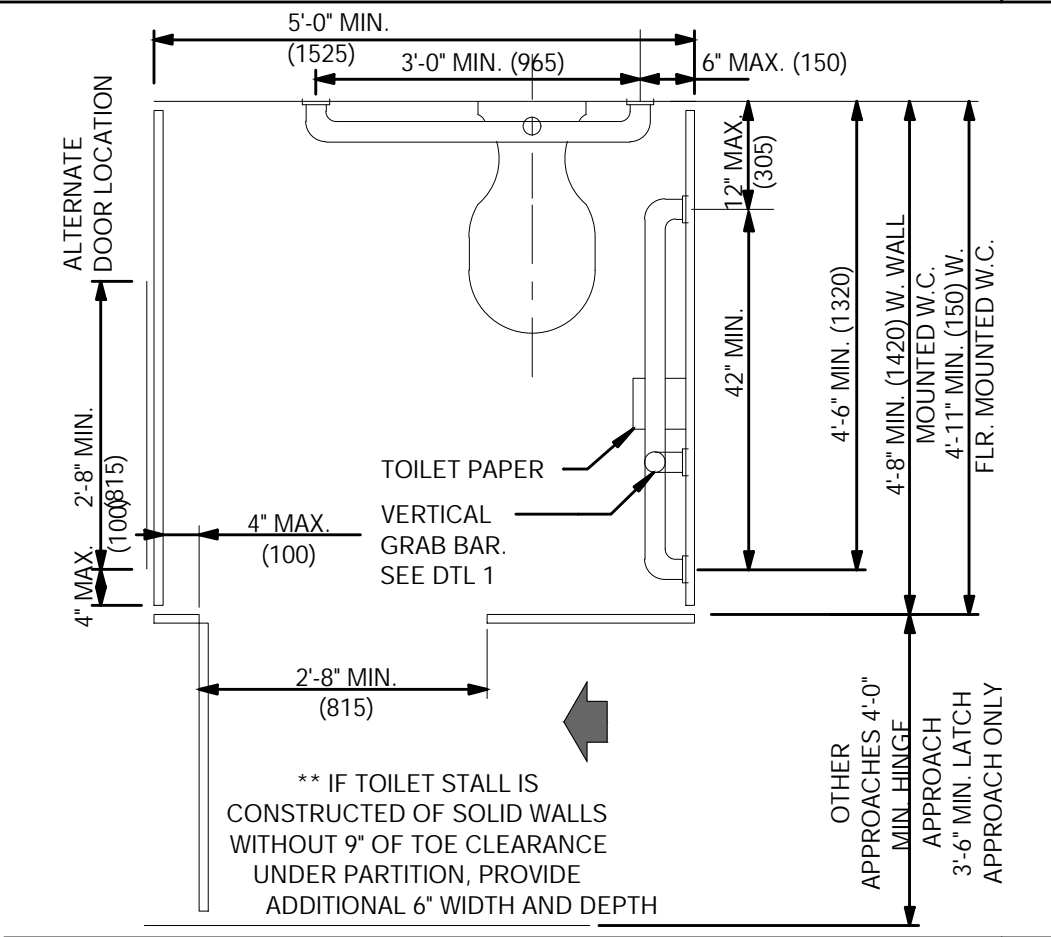
10



ACCESSIBLE URINAL

3/4" = 1'-0"

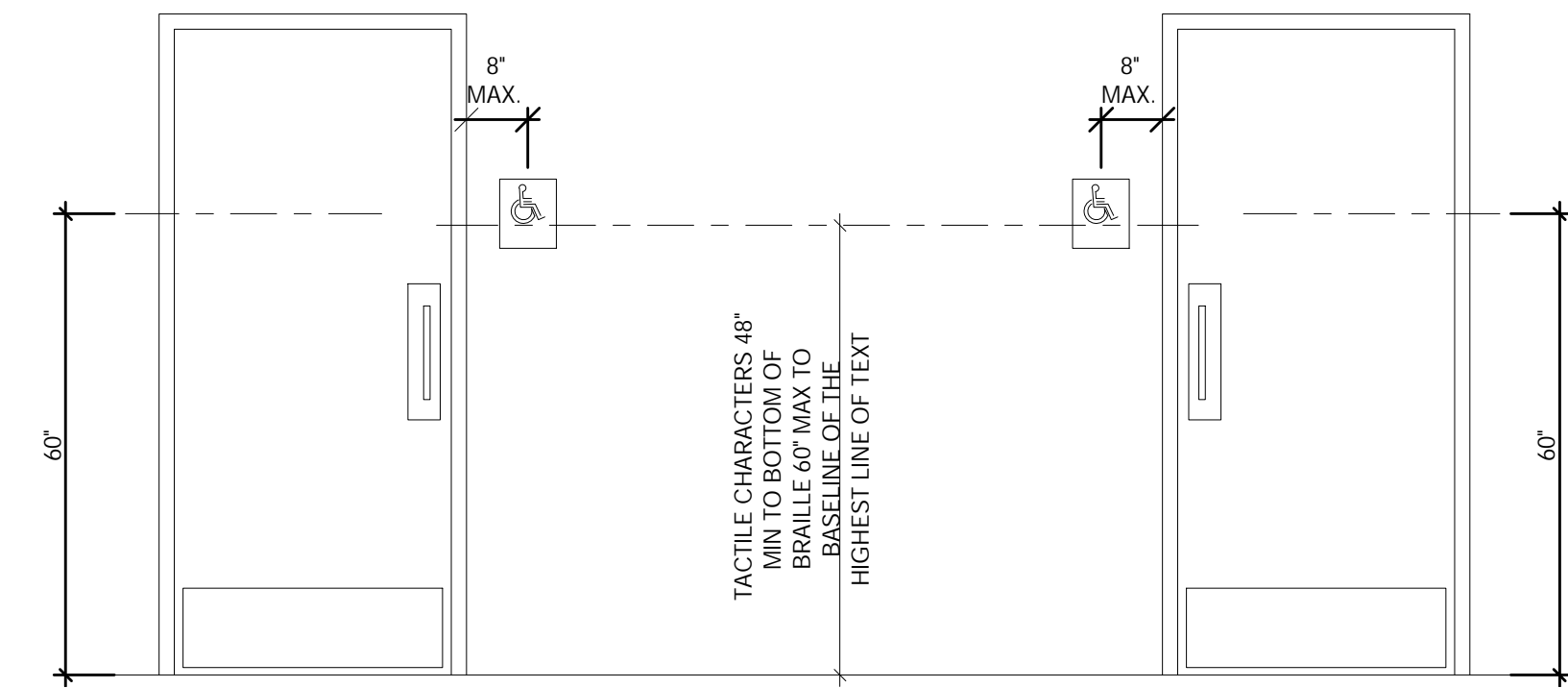
6



STANDARD TOILET STALL

N.T.S.

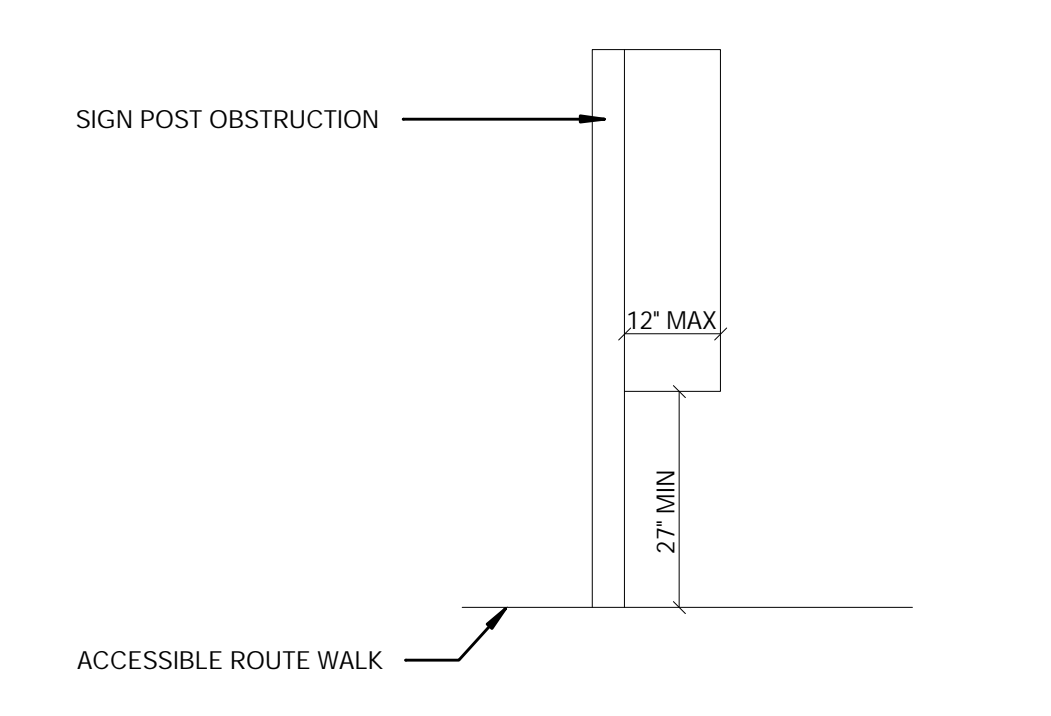
2



ACCESSIBLE RESTROOM DOORS

N.T.S.

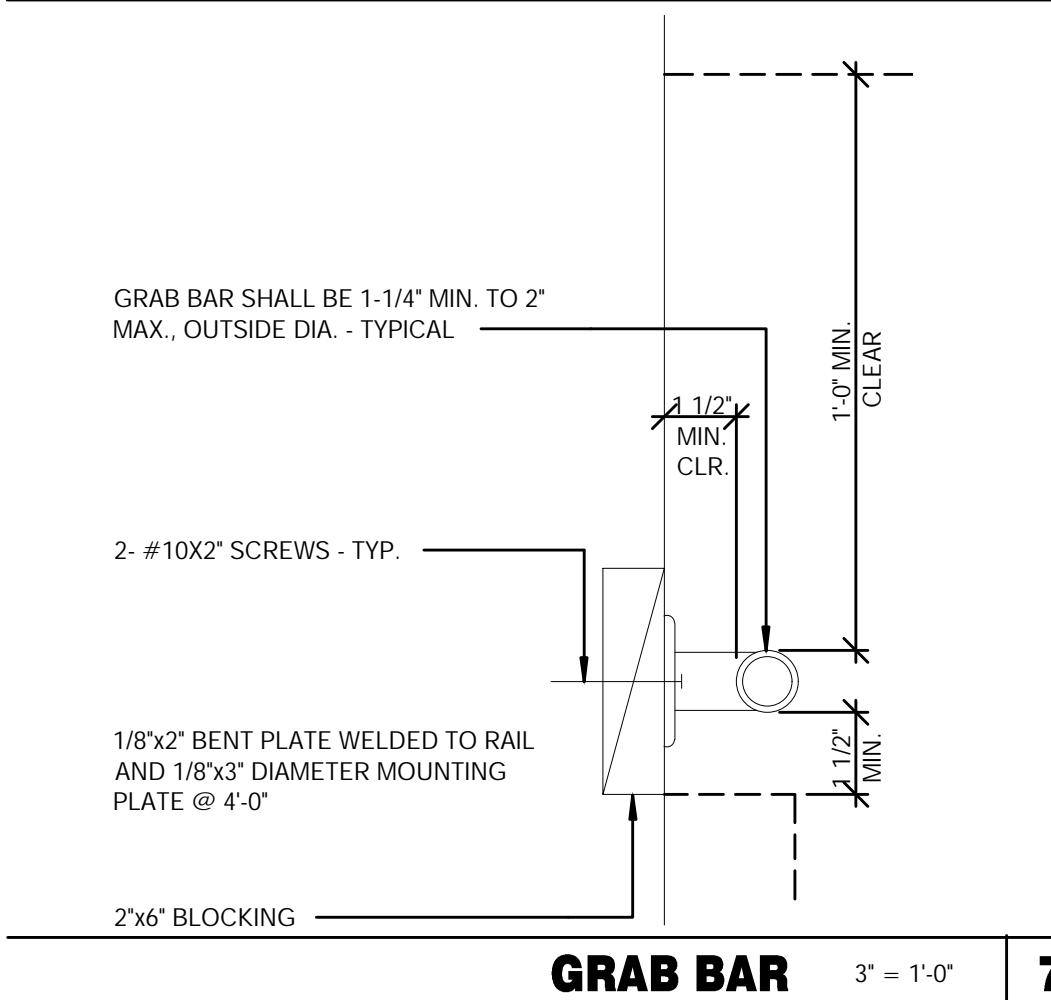
15



PROTRUDING HAZARDS

1/2" = 1'-0"

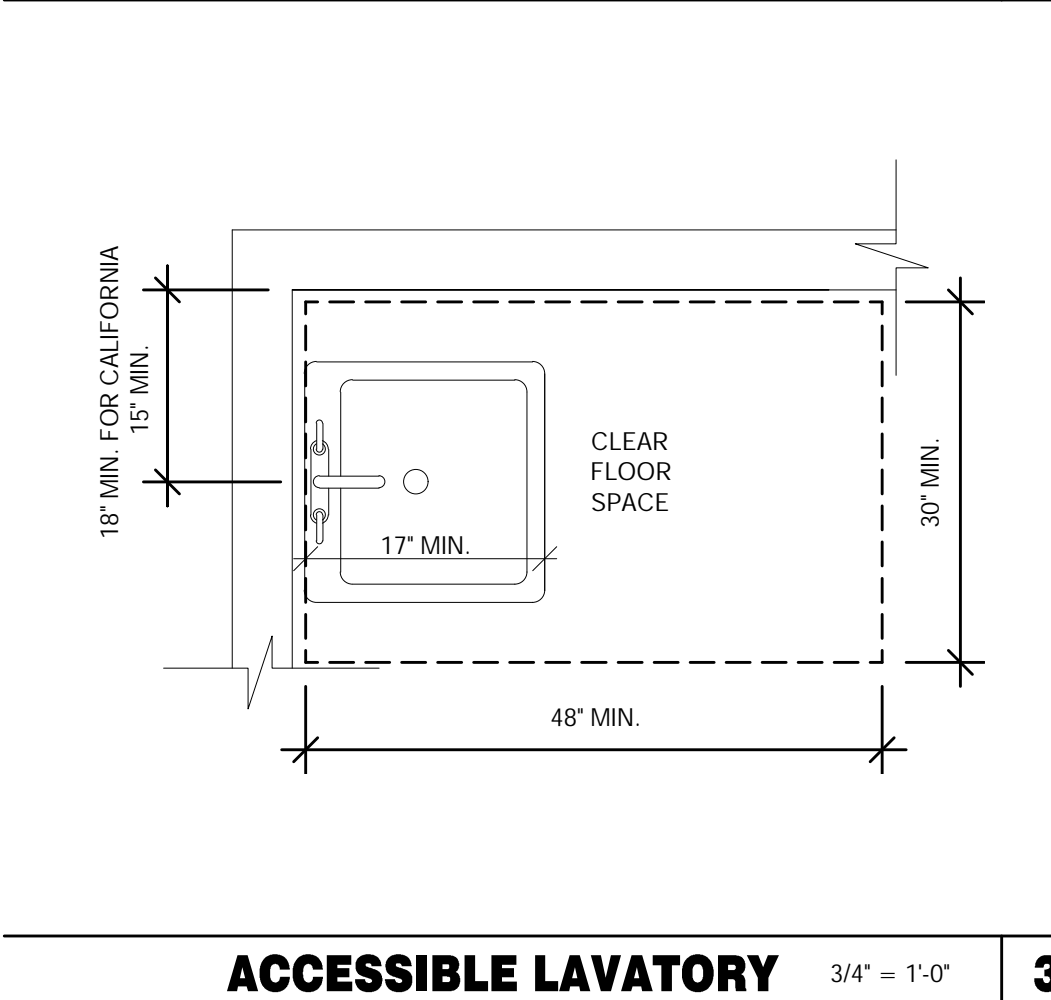
11



GRAB BAR

3' = 1'-0"

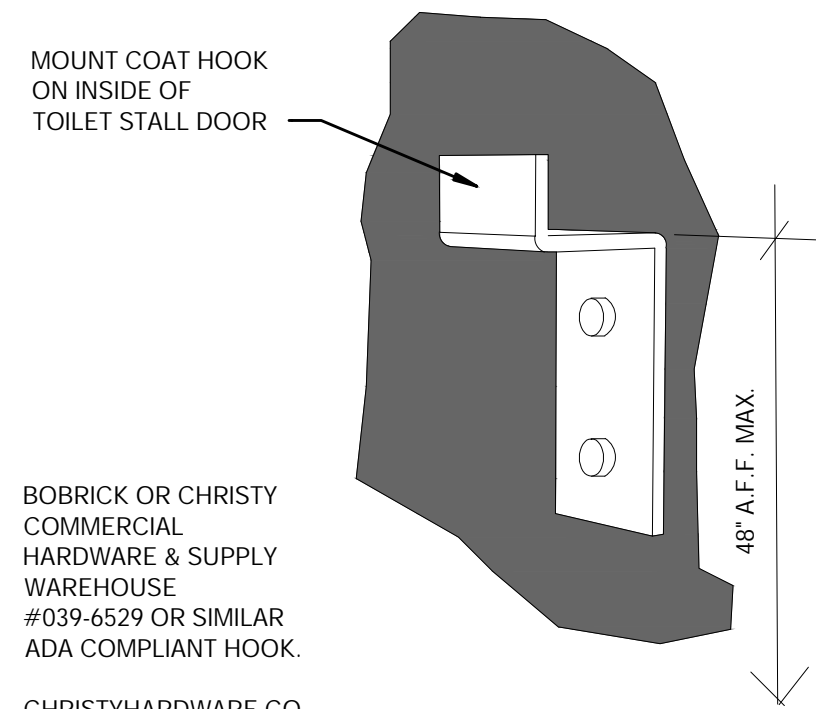
7



ACCESSIBLE LAVATORY

3/4" = 1'-0"

3



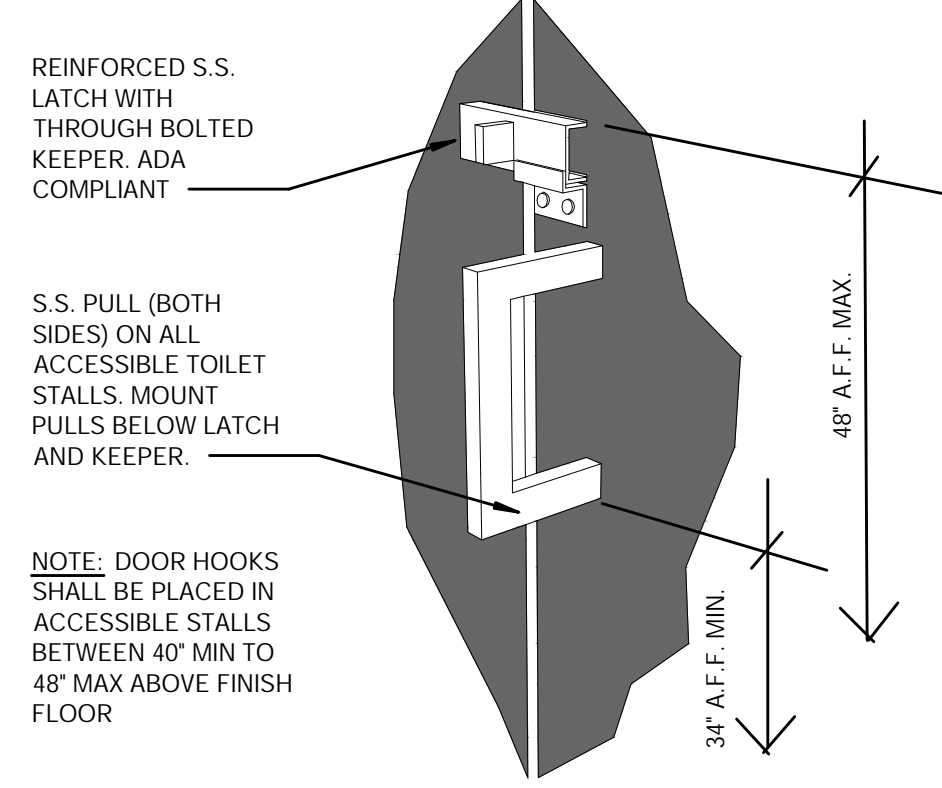
BOBRICK OR CHRISTY COMMERCIAL HARDWARE & SUPPLY WAREHOUSE #039-6529 OR SIMILAR ADA COMPLIANT HOOK. CHRISTYHARDWARE.CO M 877-544-5400

NOTE: SEE DOOR SCHEDULE. AND DOOR SCHEDULE NOTES

COAT HOOK

N.T.S.

20

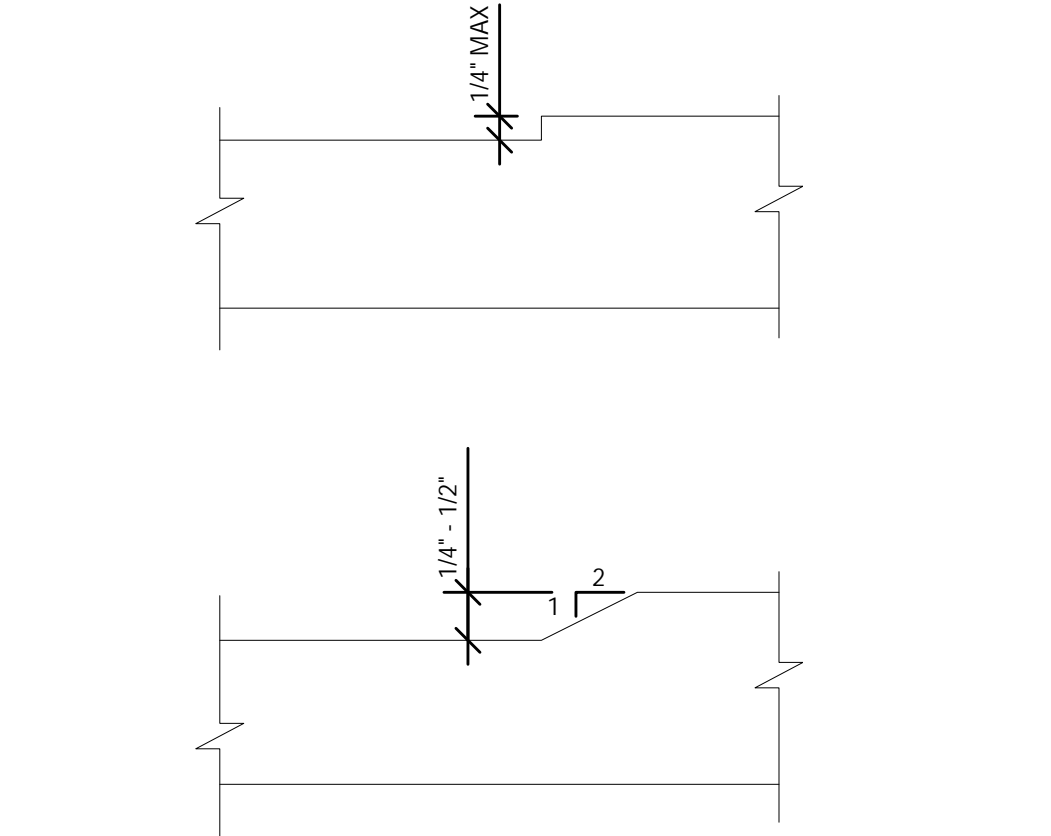


NOTE: DOOR HOOKS SHALL BE PLACED IN ACCESSIBLE STALLS BETWEEN 40" MIN TO 48" MAX ABOVE FINISH FLOOR

NOTE: SEE DOOR SCHEDULE. AND DOOR SCHEDULE NOTES

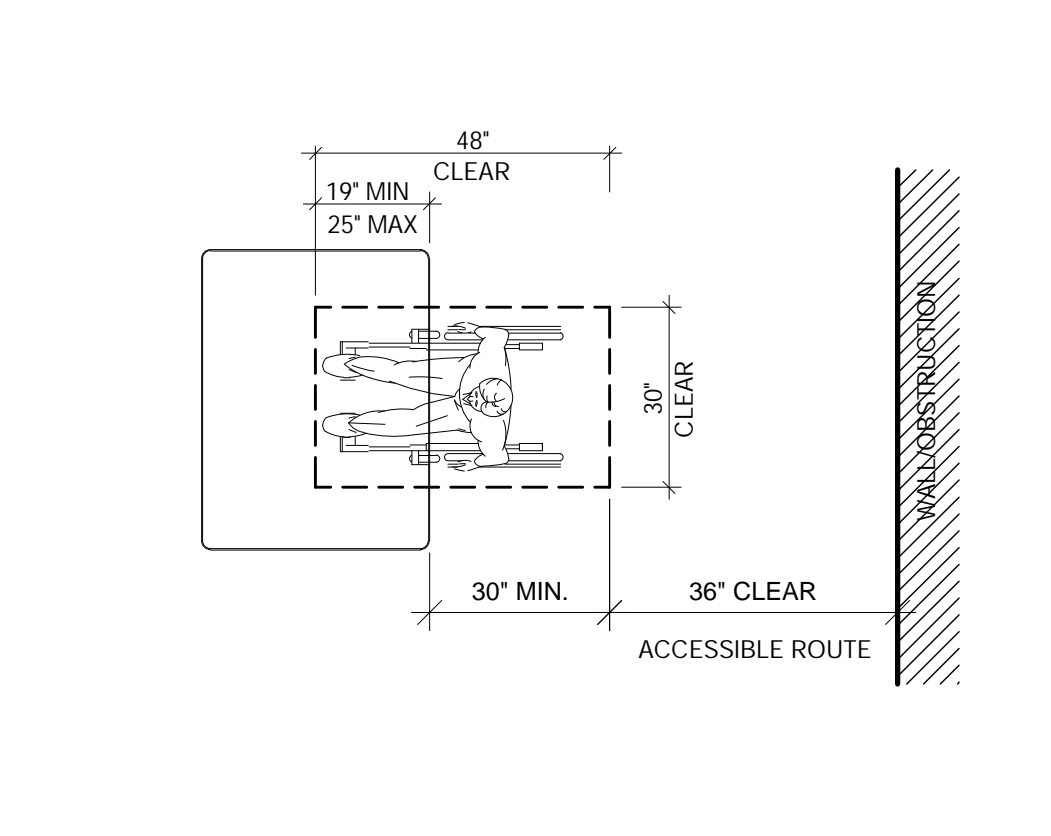
PARTITION DOOR LATCH @ PULL

16



N.T.S.

12



NOTE: MAINTAIN 36" MIN. CLEAR AISLE EGRESS PATHS TO EXIT DOORS.

DINING ROOM SEATING CLEARANCES

N.T.S.

8

- INDICATED DIMENSIONS, HEIGHTS, DEPTHS, AREAS AND OTHER GRAPHIC INFORMATION ARE PROVIDED AS MINIMUMS THAT MUST BE MAINTAINED. THESE MINIMUMS ARE BASED UPON YUM STANDARDS AND MAY EXCEED ADA REQUIREMENTS.
- THE DETAILS SHOWN ARE CONCEPTUAL ONLY AND INTENDED TO SHOW ABSOLUTE MINIMUMS AND SHALL BE COORDINATED WITH THE OTHER CONSTRUCTION DOCUMENTS ASSOCIATED WITH THIS PROJECT.
- 60" TURNING SPACE
 - PERMITTED OVERLAP LIMITED TO 1 ARM OF T-SHAPED SPACE
 - CAN OVERLAP FIXTURE & DOOR CLEARANCE
 - DOOR CAN SWING INTO TURNING SPACE A MAXIMUM OF 12"
- RESTROOM, IN GENERAL, DOOR SWING MUST BE OUTSIDE OF THE FIXTURE CLEAR FLOOR SPACE HOWEVER A DOOR CAN SWING INTO FIXTURE CLEAR FLOOR SPACE IF WHEELCHAIR SPACE 30"x48" IS PROVIDED BEYOND THE DOOR SWING.
- TOILET ROOM MUST ALLOW FOR SIDE TRANSFER - 42" BETWEEN FIXTURES
- ALL BARRIER FREE SIGNS SHALL BE WHITE ON A BLUE BACKGROUND.

GENERAL NOTES

4



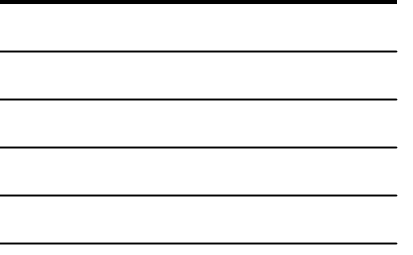
1525 E. Douglas, Wichita, KS 67211
Tel: (316) 265-9367
www.glmv.com

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Steven T. Wise Date

License number ARC07896
Renewal date June 30, 2023
All pages and sheets are covered by this seal.

21678R21003



CONTRACT DATE: 01.18.2022
BUILDING TYPE: TYPE T-K
PLAN VERSION:
BRAND DESIGNER:
SITE NUMBER:
STORE NUMBER: 37478

TACO BELL

320 11th St. SW Plaza
Spencer, IA 51301

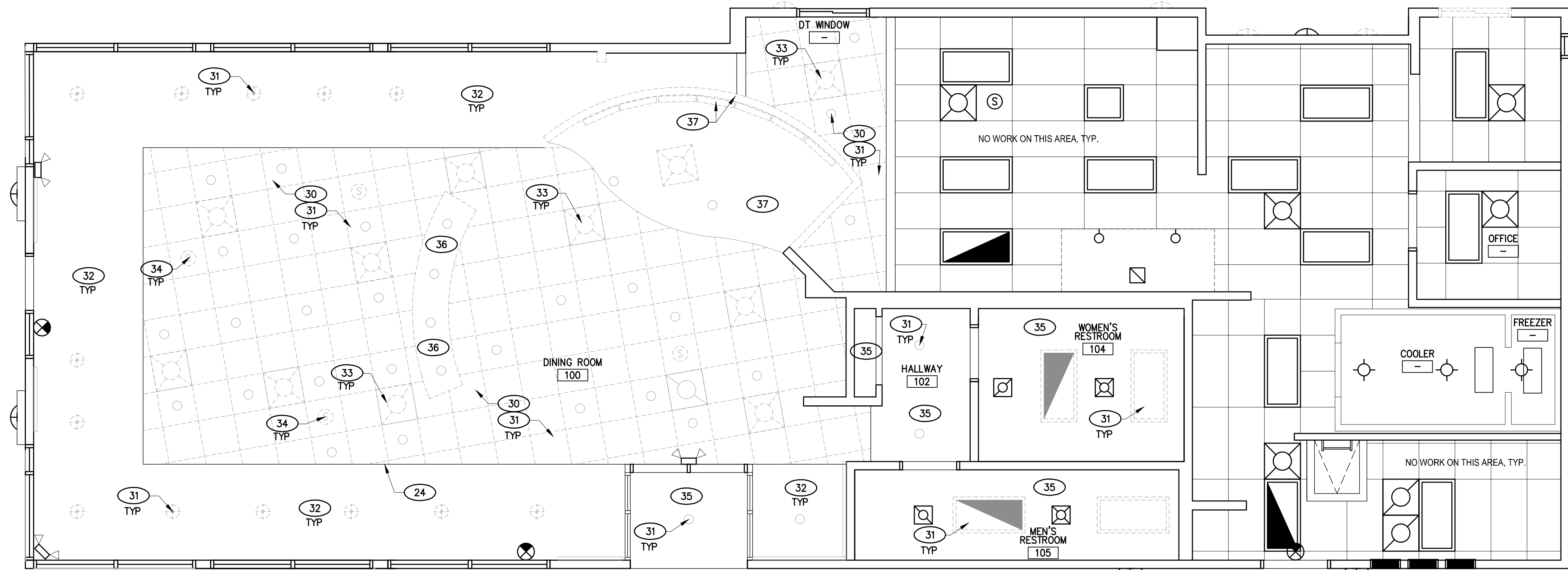


SUCCESSOR
PROTOTYPE

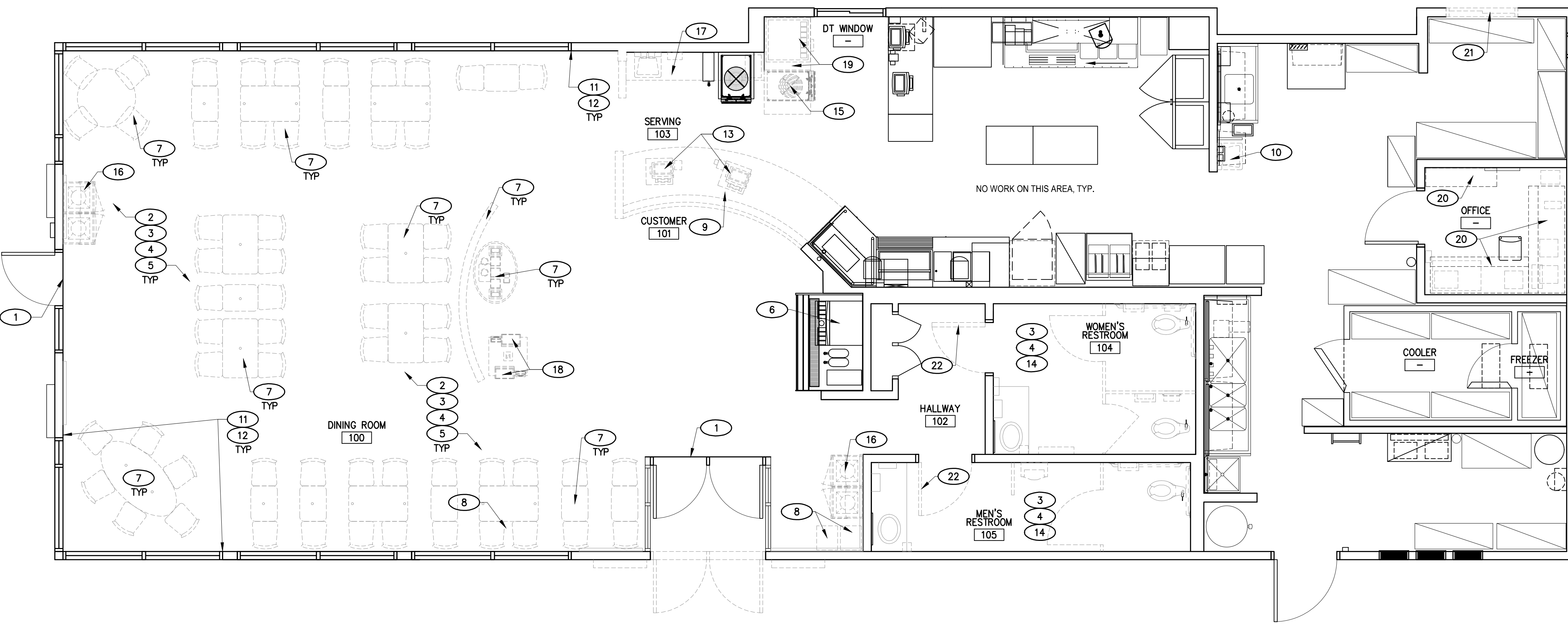
ACCESSIBILITY
REQUIREMENTS

ADA1.0

DS



DEMOLITION REFLECTED CEILING PLAN 1/4" = 1'-0" 1



DEMOLITION FLOOR PLAN 1/4" = 1'-0" 2

----- EXISTING CONSTRUCTION TO BE REMOVED
 _____ EXISTING CONSTRUCTION

WALL LEGEND C

- EXISTING 2'x2' SUSPENDED CEILING TILES TO BE REMOVED
- EXISTING 2'x4' SUSPENDED CEILING TILES TO REMAIN
- EXISTING GYPSUM BOARD CEILING TO REMAIN
- EXISTING 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED
- EXISTING 2'x4' FLUORESCENT LIGHT FIXTURE TO REMAIN
- EXISTING DIFFUSER
- EXISTING RETURN AIR GRILL
- EXISTING DIFFUSER TO BE REMOVED
- EXISTING RETURN TO BE REMOVED
- EXISTING DIFFUSER TO REMAIN
- EXISTING RETURN TO REMAIN
- EXISTING LIGHT TO BE REMOVED
- EXISTING LIGHT TO BE REMOVED
- EXISTING CEILING-MOUNTED EXIT SIGN TO BE REMAIN

CEILING LEGEND D

- DEMOLITION FLOOR PLAN
1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS & CONDITIONS ON SITE.
 2. CONTRACTOR TO FIELD VERIFY AND MAINTAIN ALL FIRE SYSTEMS.
 3. DEMOLITION & REMOVAL OF SYSTEMS NOTED INCLUDES ALL WORK REQUIRED TO ACHIEVE SCOPE OF NEW WORK AND DESIGN INTENT. SEE REFLECTED CEILING PLAN FOR MISC. DEMOLITION NOTES FOR ITEMS ABOVE.
 4. DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPILED FROM EXISTING DATA SUPPLIED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY, EITHER EXPRESSED OR IMPLIED, FOR THE ACCURACY OF THE COMPLETENESS OF THE EXISTING INFORMATION RECORDED.
 5. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES OR CONFLICTS THAT MIGHT ARISE IN THE COURSE OF THE DEMOLITION WORK.
 6. THE OWNER RESERVES THE RIGHT TO SALVAGE ANY DEMOLISHED ITEM. VERIFY ITEMS TO BE SALVAGED WITH THE OWNER PRIOR TO THE START OF DEMOLITION. REMOVE, PROTECT, CLEAN, REPAIR FOR REUSE AND TURN OVER SUCH ITEMS AS DIRECTED BY THE OWNER.
- DEMOLITION REFLECTED CEILING PLAN
1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS & CONDITIONS ON SITE.
 2. CONTRACTOR TO FIELD VERIFY AND MAINTAIN ALL FIRE SYSTEMS.
 3. DEMOLITION & REMOVAL OF SYSTEMS NOTED INCLUDES ALL WORK REQUIRED TO ACHIEVE SCOPE OF NEW WORK AND DESIGN INTENT.

- DEMOLITION FLOOR PLAN
1. EXISTING THRESHOLD TO BE REMOVED AND REPLACED WITH NEW AT ENTRY DOORS.
 2. PATCH AND REPAIR CONCRETE SLAB, PREP FOR NEW FLOOR FINISH.
 3. EXISTING FLOORING TO BE REMOVED. PREPARE TO ACCEPT NEW FINISHES. REFER TO SHEET A7.1 FOR FINISH SCHEDULE.
 4. EXISTING WALL TILE TO REMOVE, PREPARE WALLS FOR G.C. TO INSTALL NEW FRP ON TOP. REFER TO SHEET A7.2 FOR FINISH SCHEDULE.
 5. EXISTING ARTWORK TO BE REMOVED. PATCH AND REPAIR WALLS AS REQUIRED.
 6. EXISTING SODA MACHINE AND EQUIPMENT TO REMAIN. PROTECT DURING CONSTRUCTION. EXISTING ICE MACHINE TO BE REMOVED AND REPLACED WITH NEW.
 7. EXISTING FURNITURE, LOW WALL, SAUCE TABLE, AND TABLE TOPS TO BE REMOVED.
 8. EXISTING HIGHCHAIRS TO REMAIN.
 9. REMOVE SERVICE COUNTER. REPLACE WITH NEW.
 10. EXISTING HAND SINK TO BE REMOVED AND REPLACED WITH NEW KNEE PEDAL TYPE.
 11. EXISTING WAINSCOT TO BE PREPARED FOR NEW COVERING, SUPPLIED AND INSTALLED BY G.C.
 12. REMOVE EXISTING SUBSTRATE BELOW EXISTING WINDOWS TO INSPECT FRAMING FOR DAMAGE. REPLACE IF REQUIRED.
 13. EXISTING POS EQUIPMENT TO BE REMOVED AND RELOCATED. PREP CUSTOMER FACING SURFACES FOR NEW FINISHES.
 14. REMOVE EXISTING RESTROOM FIXTURES, RESTROOM PARTITIONS AND ACCESSORIES.
 15. RELOCATE EXISTING FRUITISTA. SEE A2.0 FOR NEW LOCATION.
 16. EXISTING TRASH ENCLOSURE TO BE REMOVED, COORDINATE AS REQUIRED.
 17. REMOVE EXISTING CABINET AND COUNTERTOP AT HAND SINK AREA. REPLACE WITH NEW.
 18. EXISTING KIOSKS TO BE REMOVED AND RELOCATED. SEE A2.0 FOR NEW LOCATION.
 19. EXISTING DRIVE THRU BEVERAGE WORK STATION TO BE REMOVED AND REPLACED WITH NEW. EXISTING EQUIPMENT TO BE REINSTALLED ON NEW BEVERAGE WORK STATION.
 20. EXISTING COUNTER AND SHELVES IN OFFICE TO BE REMOVED AND REPLACED WITH NEW.
 21. EXISTING PRE-PAY WINDOW TO BE REMOVED. G.C. TO INFILL WALL.
 22. EXISTING RESTROOM DOORS TO BE REMOVED. REPLACE WITH NEW DOORS. EXISTING DOOR FRAMES TO REMAIN.
- DEMOLITION REFLECTED CEILING PLAN
30. REMOVE EXISTING CEILING GRID IN DINING ROOM AND OVER DRIVE THRU WINDOW. REPLACE WITH NEW.
 31. REMOVE EXISTING LIGHT FIXTURE THROUGHOUT.
 32. EXISTING SOFFIT TO REMAIN. PATCH AND REPAIR AS REQUIRED.
 33. EXISTING DIFFUSERS TO BE RELOCATED.
 34. EXISTING SPEAKER TO BE RELOCATED
 35. EXISTING CEILING TO REMAIN. PREP CEILING FOR NEW PAINT.
 36. EXISTING SOFFIT TO BE REMOVED.
 37. REMOVE EXISTING MENU BOARDS, MENU BOARD BULKHEAD, AND SOFFIT. SEE A7.0 FOR NEW MENU BOARDS, BULKHEAD, AND SOFFIT.

I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed architect under the laws of the state of Iowa.

Steven T. Wise Date

License number ARC07896
 Renewal date June 30, 2023
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21678R21003

CONTRACT DATE: 01.18.2022
 BUILDING TYPE: TYPE T-K
 PLAN VERSION:
 BRAND DESIGNER:
 SITE NUMBER:
 STORE NUMBER: 37478

TACO BELL
 320 11th St. SW Plaza
 Spencer, IA 51301



SUCCESSOR PROTOTYPE

DEMOLITION PLANS

AD.1

GENERAL NOTES A

KEY NOTES B

FURNITURE SCHEDULE					
TAG	QTY.	DESCRIPTION:	TAG	QTY.	DESCRIPTION:
D-700	12	22" X 22" X 28.5" H FREE STANDING TABLE BASE	T-408e	6	LAMINATE TABLE ADA - 24 X 48 X 30 - 4 TOP
D-703	4	22" X 5.5" X 28.5" H FREE STANDING TABLE BASE	T-411e	5	SS TABLE - 24 DIA X 30 - 2 TOP
T-201e	6	BARREL BARSTOOL - 29 PURPLE WOOD SEAT	T-505e	1	COUNTER TOP - 48" X 20" X 30"
T-302e	4	BENCH SEAT - 48"	T-506e	1	COUNTER TOP - 60" X 20" X 30"
T-302be	4	BENCH BACK REST - 48"	T-613e	1	SERVICE/FRONT COUNTER
T-303e	1	BENCH SEAT - 60"	T-620e	1	CONDIMENT COUNTER - RECTANGLE
T-303be	1	BENCH BACK REST - 60"	T-706e	1	SINGLE STREAM TRASH ENCLOSURE
T-401e	1	HUB TABLE - 72" - HIGH TOP	T-708e	1	3-STREAM TRASH ENCLOSURE
T-402e	1	HUB TABLE - 48" - HIGH TOP	T-901e	41	CHAIR - BLACK METAL FRAME, LAMINATE SEAT
T-405e	3	LAMINATE TABLE - 24 X 20 X 30 - 2 TOP			

EQUIPMENT SCHEDULE							
TAG	QTY.	G.C. INSTALL	DESCRIPTION:	ELEC	GAS	PLUMB	REMARKS:
L-043	4	X	DIGITAL MENU BOARD	X		X	
N-062	1	X	STAINLESS STEEL WALL MOUNTED SINK				SINK WITH FAUCET AND KNEE PEDAL TYPE AREO #HS-MOD
P-315	1	X	REVERSE OSMOSIS SYSTEM			X	3M #56123-06, FSTM-075 INSTALL OVER FLOOR SINK
S-274	1	X	DRIVE THRU BEVERAGE WORKSTATION				SPG WST1242YA, OPTIONAL:METRO
S-513	2		ICE MAKER (PLACED ON TOP OF PEPSI)		X	X	MANITOWOC, KMS-1401MLJ
S-XX1	1	X	FDB CART				
U-131	2	X	MOUNTING PLATE				1 PER KIOSK TABLE
U-135	1	X	KIOSK TABLET	X			QUANTITY TBD ON SITE. PROVIDE DEDICATED CIRCUIT AND (2) TWO CAT 6
U-136	1	X	VERUFONE (CREDIT CARD MACHINE)	X			QUANTITY TBD ON SITE

ARTWORK SCHEDULE						
QTY.	NAME	FAMILY	FRAME OR MURAL	SIZE	LOCATION	
1	HYPNOTIZE ME BELL	D	M01	CUSTOM	SEE A8.0	
1	CAMO PATTERN	D	F01	28"x40"	SEE A8.0	
1	CAMO PATTERN	D	F02	28"x40"	SEE A8.0	
1	CAMO PATTERN	D	F01	28"x40"	SEE A8.0	

- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS & CONDITIONS ON SITE.
- CONTRACTOR TO FIELD VERIFY AND MAINTAIN ALL FIRE SYSTEMS.
- DEMOLITION & REMOVAL OF SYSTEMS NOTED INCLUDES ALL WORK REQUIRED TO ACHIEVE SCOPE OF NEW WORK AND DESIGN INTENT. SEE REFLECTED CEILING PLAN FOR MISC. DEMOLITION NOTES FOR ITEMS ABOVE.

GENERAL NOTES

- G.C. TO INSTALL NEW THRESHOLD.
- NEW WALL PAINT AT PERIMETER WALLS.
- NEW CHAIRS AND BARSTOOLS. SUPPLIED BY FURNITURE VENDOR, INSTALLED BY G.C.
- NEW ARTWORK.
- WINDOW SILLS TO REMAIN. PROTECT DURING CONSTRUCTION.
- NEW SERVICE COUNTER AND COUNTERTOP. G.C. TO INSTALL, VENDOR TO PROVIDE.
- NEW WALL FINISH AT DRINK STATION. G.C. TO PROVIDE AND INSTALL. SEE FINISH SCHEDULE.
- G.C. TO REPLACE BOTTOM GLASS PANEL ON ALL WINDOWS. VENDOR TO PROVIDE.
- NEW KNEE PEDAL TYPE HAND SINK.
- NEW TRASH UNIT ENCLOSURES.
- NEW DIGITAL MENU BOARDS.
- EXISTING HIGH CHAIR IN NEW LOCATION.
- ACCESSIBLE TABLE AS INDICATED BY CLEARANCE MARKER, LABEL ON TABLE TOP.
- BOTH SIDES OF NEW DOORS TO BE SUPPLIED BY FURNITURE VENDOR, INSTALLED BY G.C. DOOR FRAMES TO BE REPAINTED BY G.C. NEW RESTROOM ADA SIGNAGE TO BE INSTALLED ON DOOR BY G.C.
- G.C. TO INSTALL NEW CORNER GUARD AT MURAL NEXT TO RESTROOM ENTRANCE.
- G.C. TO INSTALL TECH IN A BOX IN OFFICE TO HOUSE ALL A/V CONTROLS.
- G.C. TO INSTALL NEW COUNTERTOPS AND SHELVING IN OFFICE. PAINT OFFICE DOOR FRAMES P-1
- G.C. TO INFILL WALL WHERE PRE-PAY WINDOW WAS REMOVED. PREP WALL FOR NEW FINISH.
- G.C. TO COVER WALK IN BOX DOOR AND FACE WITH DIAMOND PLATE
- G.C. TO INSTALL NEW REVERSE OSMOSIS SYSTEM IN PREP AREA.
- RE-GROUT FLOORING IN BOH AS NEEDED.
- NEW STAINLESS STEEL CORNER GUARDS TO BE INSTALLED BY G.C. IN BOH.
- G.C. TO INSTALL STAINLESS STEEL SHIELD AROUND ELECTRICAL CONDUITS OVER PANELS.
- NEW RESTROOM FIXTURES AND ACCESSORIES
- G.C. TO ADJUST TOWER WIDTH FOR VESTIBULE TO BE ADA COMPLIANT.
- G.C. TO REINSTALL EXISTING KIOSKS ON NEW BANQUETTE WALL.
- NEW ICE MACHINES.
- EXISTING FRUTISTA ON NEW CART.
- G.C. TO INSTALL AUTOMATIC FAUCET ON HAND SINK IN COUNTER.
- G.C. TO INSTALL NEW KIOSK ON FRONT COUNTER.
- G.C. TO REINSTALL EXISTING POS ON NEW SERVICE COUNTER.

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Steven T. Wise Date

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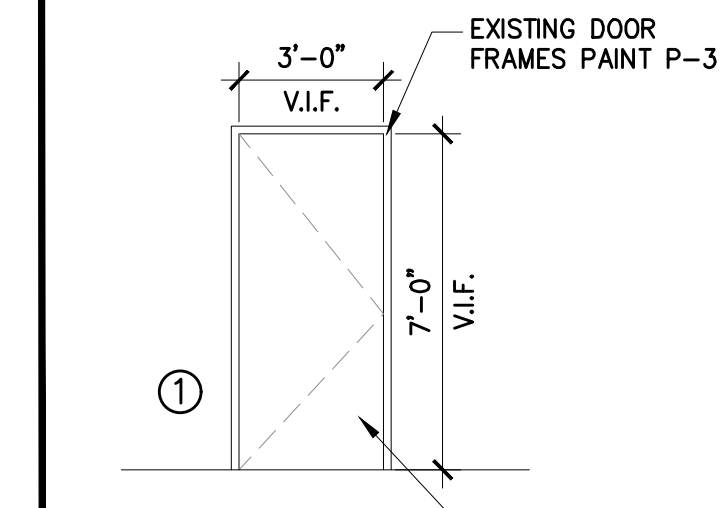
21678R21003

CONTRACT DATE: 01.18.2022
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KEY NOTES

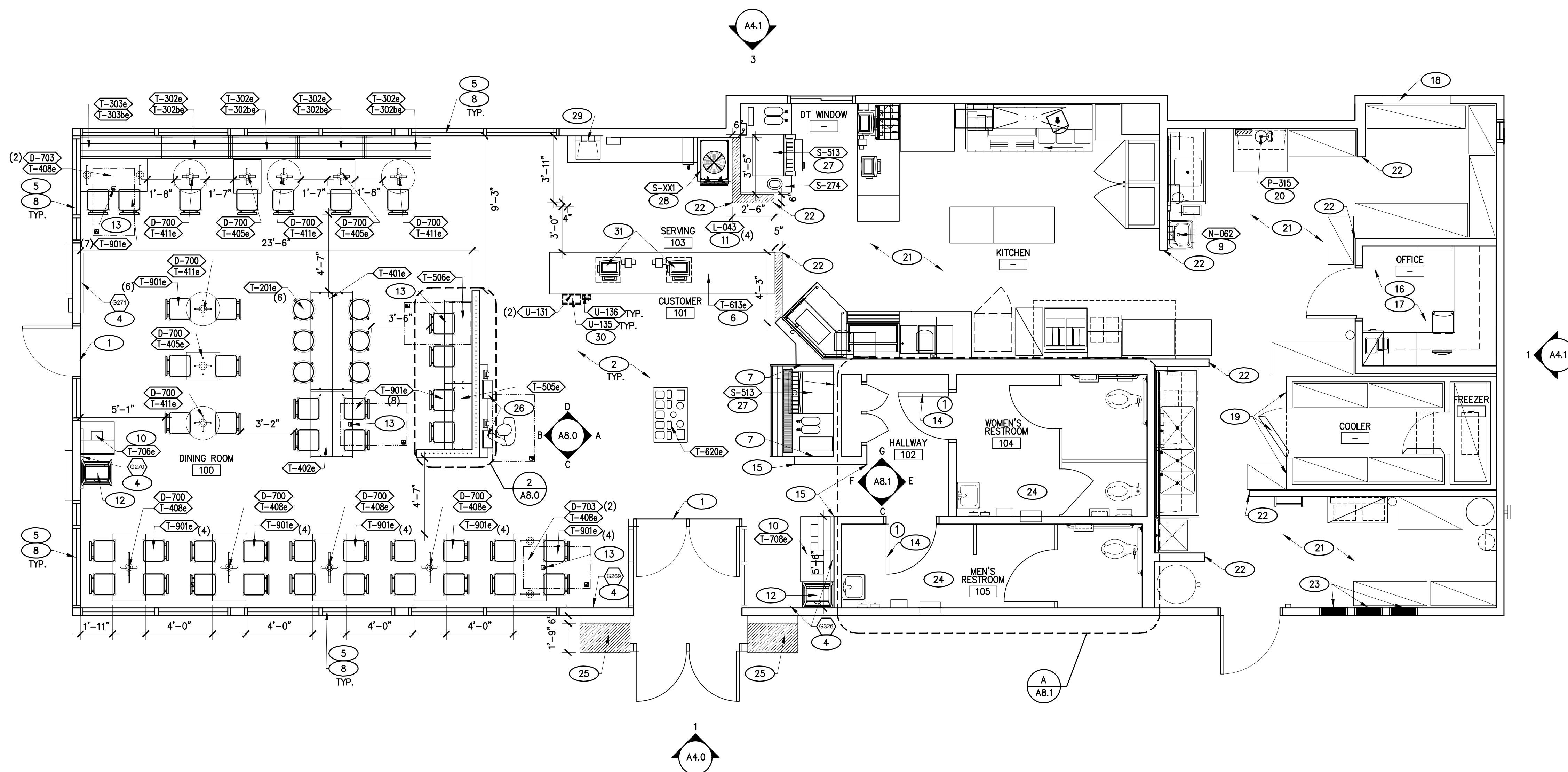
- LOW WALL PARTITION, SEE PLAN SPECIFIC NOTES FOR WALL HEIGHT
- NEW CONSTRUCTION
- EXISTING CONSTRUCTION

LEGEND



NEW DOOR PANELS FINISH:
WILSONART "MOCHA ASH"
Y0665-12 HIGH PRESSURE
LAMINATE, (IDX) (L-2)

DOOR SCHEDULE



FLOOR PLAN 1/4" = 1'-0" 1

TACO BELL
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Spencer, IA 51301

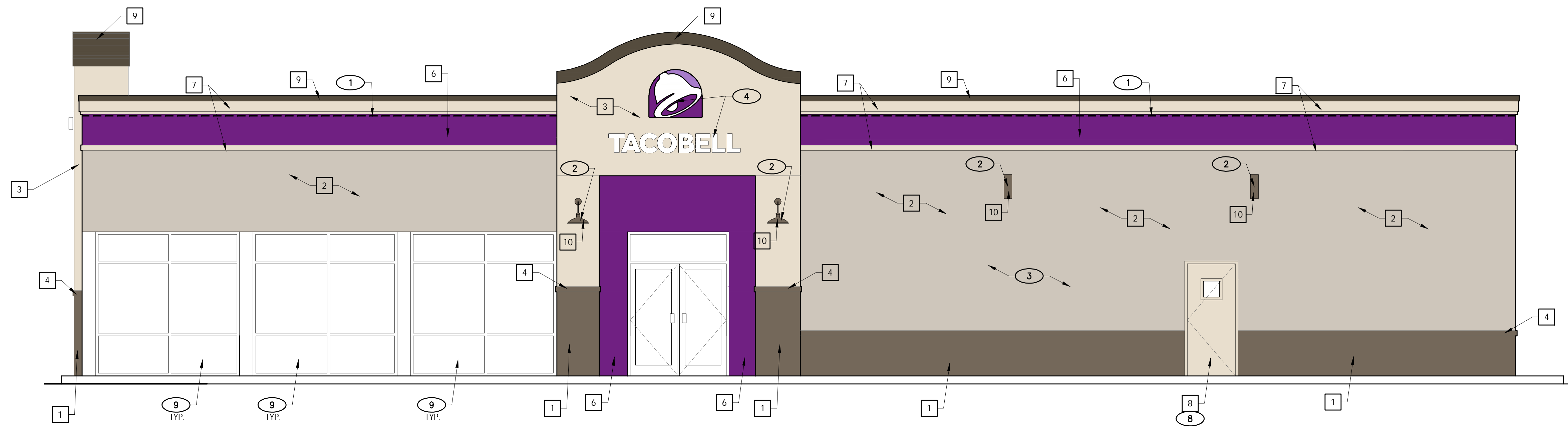


SUCCESSOR
PROTOTYPE

FLOOR PLAN

A2.0

DS



NOTE TO GC:
PATCH AND REPAIR E.I.F.S./STUCCO WHERE SIGNAGE WAS REMOVED

NOTE TO GC: SIGNS BY VENDOR UNDER A SEPARATE PERMIT

NOTE TO GC: SEE SHEET A4.0 FOR KEYNOTES

NOTE TO GC: ENTRANCES SHALL BE IDENTIFIED WITH A SIGN OR STICKER OF THE STANDARD ACCESSIBILITY LOGO

MISCELLANEOUS:

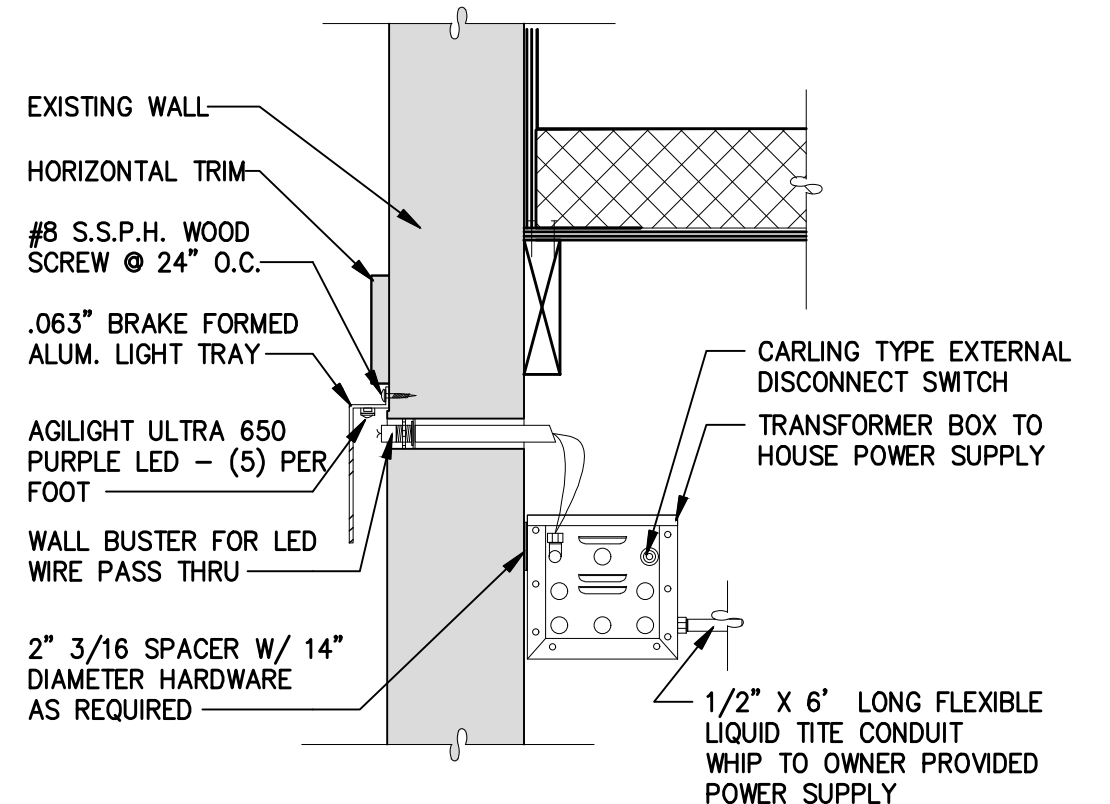
- SEE SCOPE OF WORK FOR RESPONSIBILITIES.
- PROVIDE BLOCKING FOR SIGNAGE, TRELLIS AND CANOPY.
- DURO-LAST TERMINATION BAR SHALL BE URBANE BRONZE.
- OWNER REPRESENTATIVE WILL IDENTIFY WHICH PAINT SPECIFICATION WILL BE PRIMARY.
- G.C. TO RESECURE ALL LOOSE EIFS.

SEALERS (REFER TO SPECS):

- SEALANT AT ALL WALL AND ROOF PENETRATIONS.
- SEALANT AT ALL WINDOW AND DOOR FRAMES AT HEAD, SILL AND JAMB.

GENERAL NOTES A

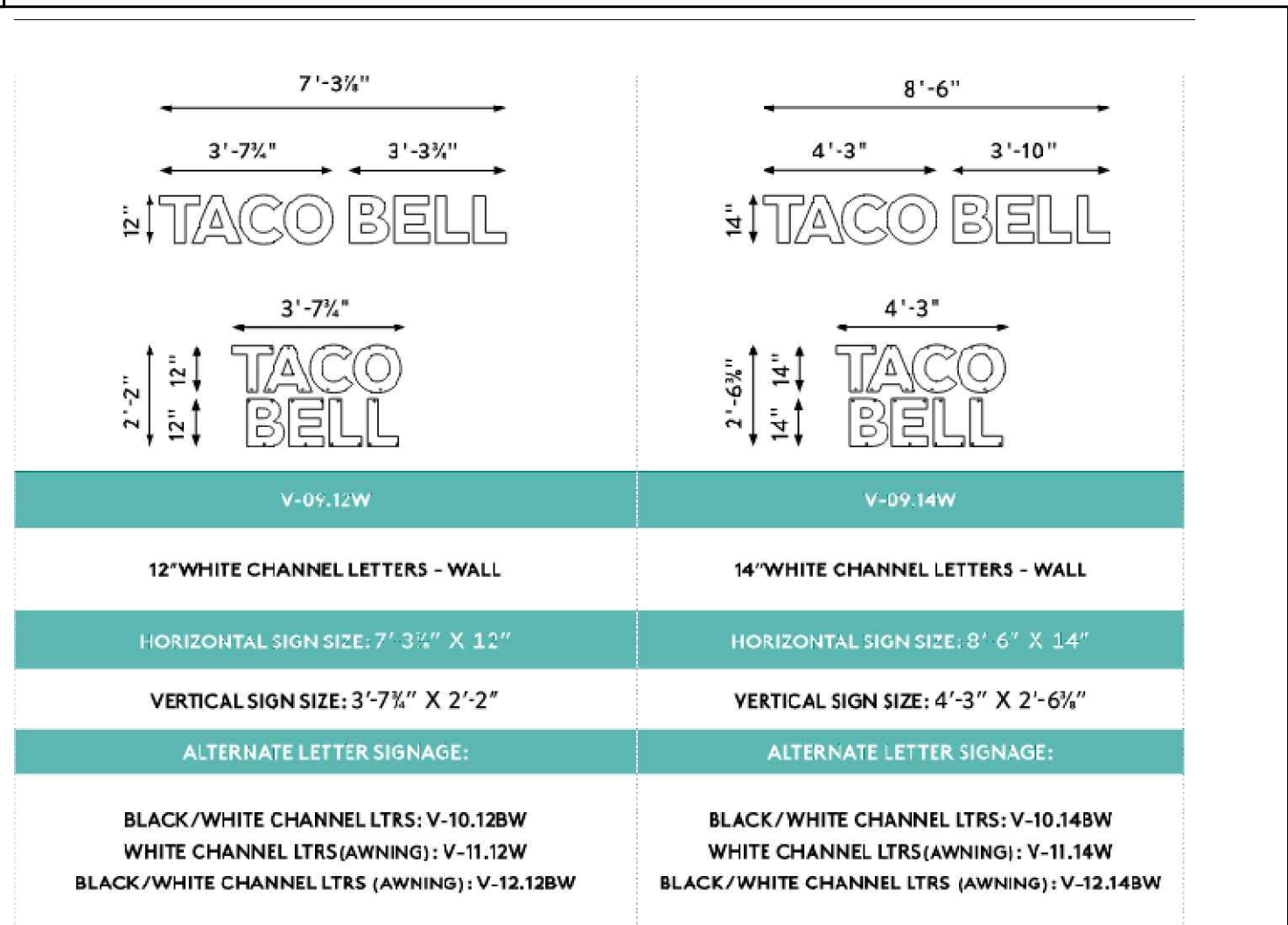
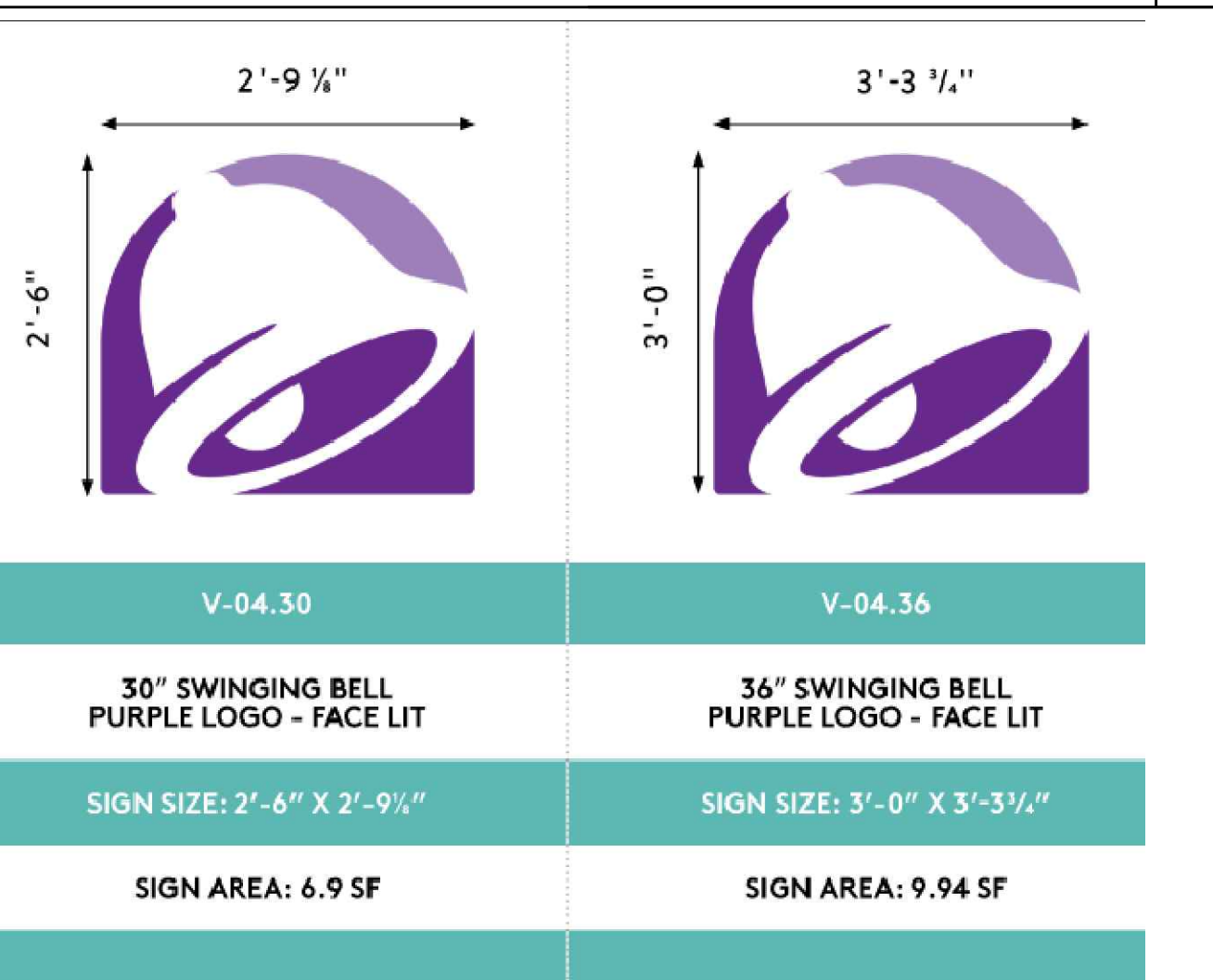
EXISTING ENTRY PORTAL SIDE ELEVATION 1/4" = 1'-0" 1



SYMBOL	AREA	MANUFACTURER	MATERIAL SPEC	COLOR	ALTERNATE MFR.	ALTERNATE MATERIAL SPEC	ALTERNATE MATERIAL COLOR	COMMENT
1	EXTERIOR WALLS - E.I.F.S.	EXISTING	MATCH EXISTING	PAINT SW7033 BRAINSTORM BRONZE	-	-	-	PAINING OVER EXISTING EIFS/STUCCO. APPLICATOR MUST DO THEIR DUE DILIGENCE WITH PREPARATION. PRIMER: 1 COAT SW A24W1100, LOXON CONDITIONER FINISH: 2 COATS SW A82-100 SERIES, A-100 EXTERIOR LATEX SATIN
2	EXTERIOR WALLS - E.I.F.S.	EXISTING	MATCH EXISTING	PAINT SW7043 WORDLY GREY	-	-	-	
3	EXTERIOR WALLS - E.I.F.S.	EXISTING	MATCH EXISTING	PAINT SW9180 AGED WHITE	-	-	-	
4	E.I.F.S. ACCENT BAND	NEW	MATCH EXISTING	PAINT SW7033 BRAINSTORM BRONZE	-	-	-	
5	METAL CANOPIES	NEW DRIVE-THRU CANOPY		DRYLAC POWDER COATINGS SW7033 BRAINSTORM BRONZE	-	-	-	
6	ACCENT WALL COLOR	EXISTING		PAINT JB2603C SW PURPLE	-	-	-	
7	E.I.F.S. ACCENT BAND	NEW		PAINT SW9180 AGED WHITE	-	-	-	
8	SERVICE DOOR	EXISTING	H.M.	PAINT SW9180 AGED WHITE	-	-	-	
9	PARAPET CAP	EXISTING	MATCH EXISTING	PAINT SW7055 ENDURING BRONZE	-	-	-	
10	WALL SCONCE	PROGRESS LIGHTING	ALUMINUM	P5642 BRONZE-20	-	-	-	
11	ELECTRICAL/GAS	EXISTING	GALV. METAL	PAINT SW9180 AGED WHITE	-	-	-	
12	DOWNSPOUT/SCUPPER	EXISTING	GALV. METAL	PAINT SW9180 AGED WHITE	-	-	-	

LED WALL WASHER DETAIL H

EXTERIOR FINISH SCHEDULE C



SIGNAGE SCHEDULE G

- E.I.F.S. THICKNESS** F
- E.I.F.S. SHALL MEET THE PERFORMANCE CHARACTERISTICS REQUIRED IN ASTM E 2568
 - E.I.F.S. WITH DRAINAGE SHALL HAVE 90 PERCENT DRAINAGE EFFICIENCY WHEN TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM E 2273
 - E.I.F.S. SHALL COMPLY WITH SECTION 1403 OF THE IBC
 - WATER RESISTIVE BARRIER SHELL COMPLY WITH SECTION 1404.2 OF THE IBC AND ASTM E 2570
 - INSTALLATION SHALL COMPLY WITH E.I.F.S. MANUFACTURERS INSTRUCTIONS AND THE PROVISIONS OF SECTIONS 1704.1 AND 1704.14 OF THE IBC.

- E.I.F.S. PAINTING NOTES/SPEC** E
- PAINING OVER EXISTING EIFS/STUCCO.**
 APPLICATOR MUST DO THEIR DUE DILIGENCE WITH PREPARATION.
 PRIMER: 1 COAT SW A24W1100, LOXON CONDITIONER.
 FINISH: 2 COATS SW A82-100 SERIES, A-100 EXTERIOR LATEX SATIN.
- E.I.F.S. THICKNESS** D
- ALL NEW STUCCO/E.I.F.S. TO HAVE A LIGHT SAND FINISH UNLESS IT MUST BLEND WITH AN EXISTING CONTRASTING FINISH.

- KEYNOTES** B
- NEW LIGHTING BY SIGN VENDOR. SEE H/A4.0.
 - NEW WALL SCONES TO REPLACE EXISTING
 - G.C. TO RESECURE EIFS WHERE LOOSE.
 - NEW SIGNAGE TO BE PROVIDED BY VENDOR. PATCH AND PAINT WALL WHERE EXISTING SIGNAGE REMOVED.
 - NEW DRIVE THRU CANOPY
 - NEW TILE UNDER DRIVE THRU WINDOW.
 - G.C. TO INFILL WALL WHERE PRE PAY WINDOW WAS REMOVED. PREPARE WALL FOR NEW EIFS FINISH. CUT BID BOARD FOR THE REMOVAL OF PRE PAY WINDOW.
 - NEW WEATHER STRIPPING AT SERVICE DOOR
 - REPLACE BOTTOM GLASS PANEL ON ALL WINDOWS WITH NEW.



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 SITE NUMBER:
 STORE NUMBER: 37478

TACO BELL
 320 11th St. SW Plaza
 Spencer, IA 51301



SUCCESSOR PROTOTYPE

EXTERIOR ELEVATIONS

A4.0 DS

NOTE TO GC:
 PATCH AND REPAIR E.I.F.S./
 STUCCO WHERE SIGNAGE
 WAS REMOVED

NOTE TO GC: SIGNS BY
 VENDOR UNDER A
 SEPARATE PERMIT

NOTE TO GC:
 SEE SHEET A4.0 FOR KEYNOTES

NOTE TO GC:
 ENTRANCES SHALL BE
 IDENTIFIED WITH A SIGN OR
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 ACCESSIBILITY LOGO

MISCELLANEOUS:

- SEE SCOPE OF WORK FOR RESPONSIBILITIES AND CANOPY.
- PROVIDE BLOCKING FOR SIGNAGE, TRELIS AND CANOPY.
- DURO-LAST TERMINATION BAR SHALL BE URBANE BRONZE.
- OWNER REPRESENTATIVE WILL IDENTIFY WHICH PAINT SPECIFICATION WILL BE PRIMARY.
- G.C. TO RESECURE ALL LOOSE EIFS.
- G.C. TO CAP POWER WHERE EXISTING WALL SCONES WERE REMOVED AND NOT REPLACED.

SEALERS (REFER TO SPECS):

- SEALANT AT ALL WALL AND ROOF PENETRATIONS.
- SEALANT AT ALL WINDOW AND DOOR FRAMES AT HEAD, SILL AND JAMB.

GENERAL NOTES | A

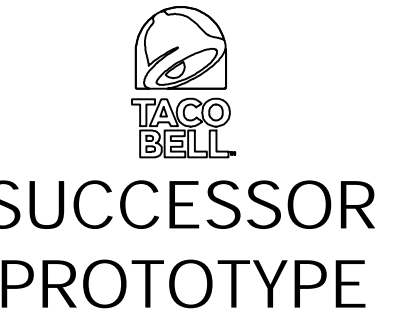
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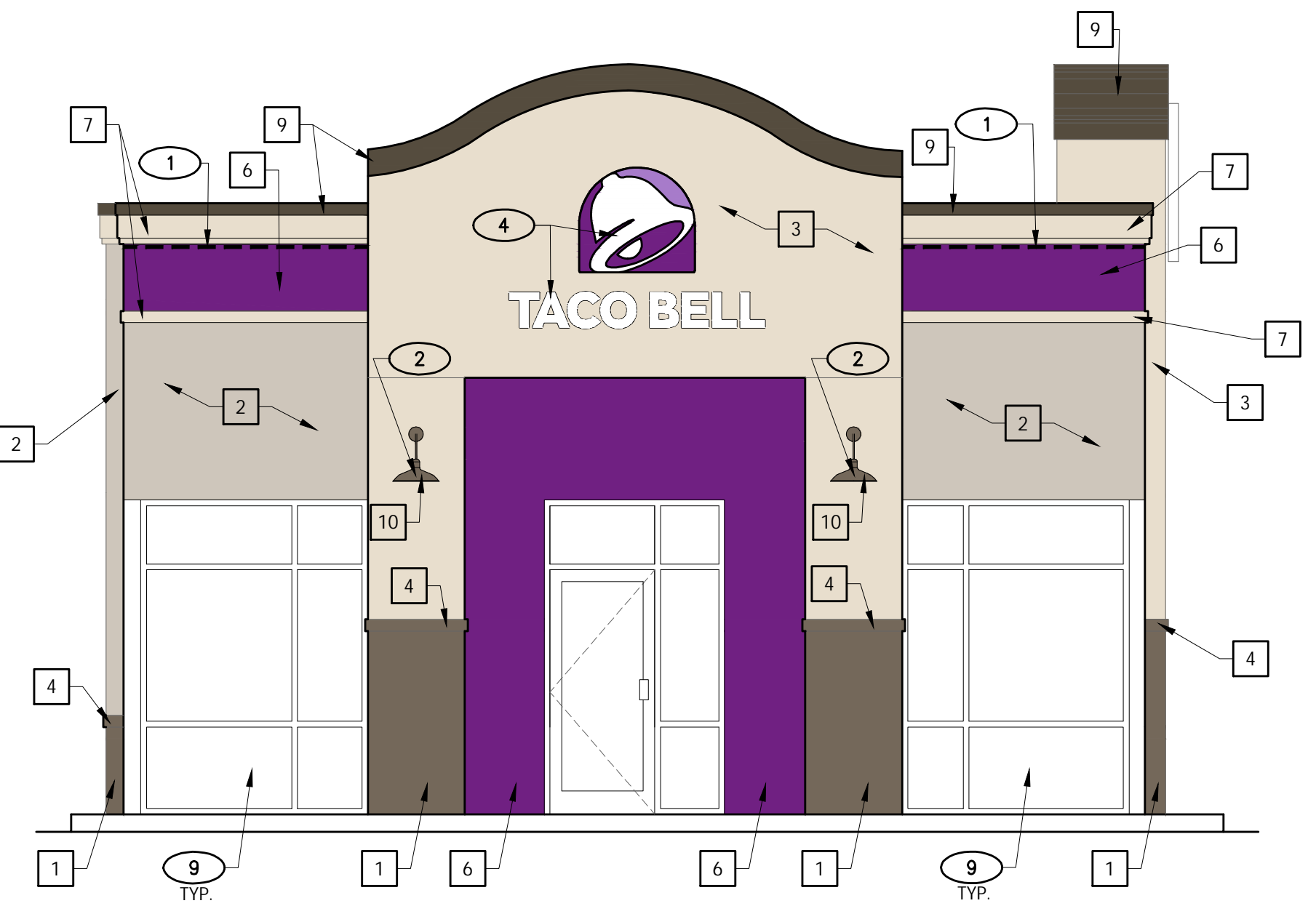
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TACO BELL
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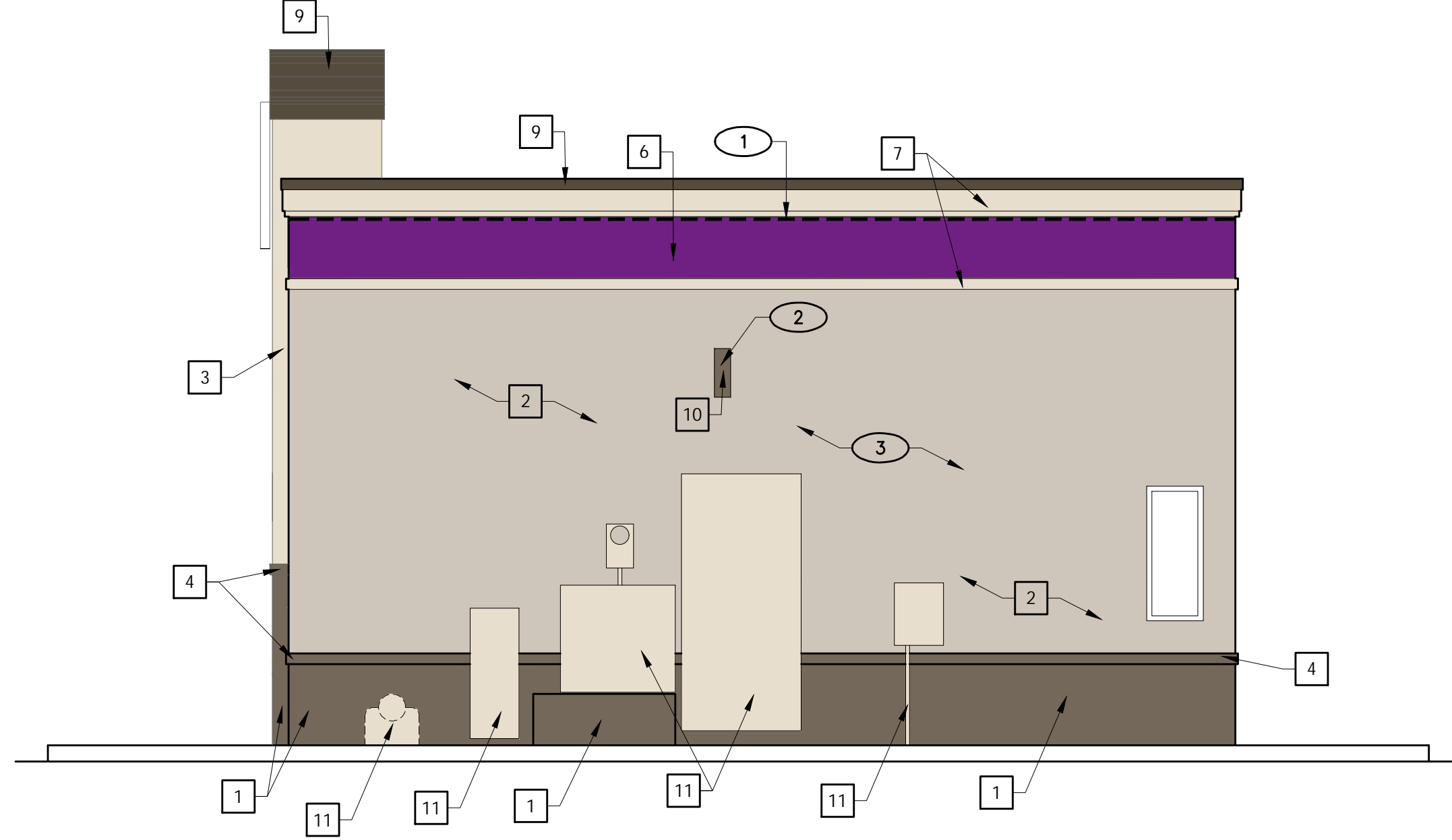


EXTERIOR ELEVATIONS

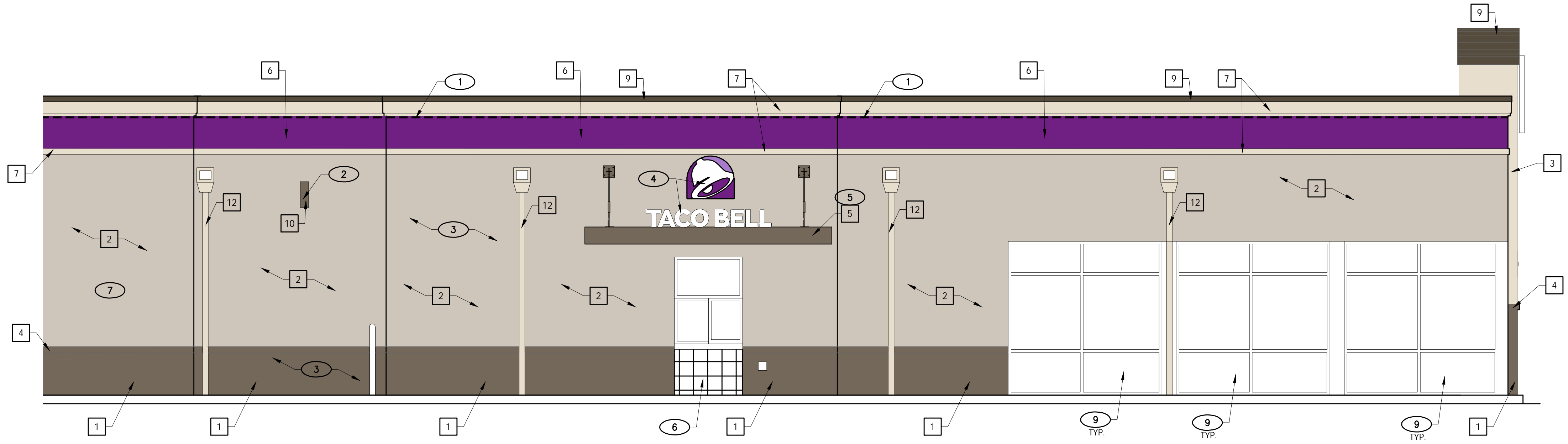
A4.1



FRONT ELEVATION 1/4" = 1'-0" 2



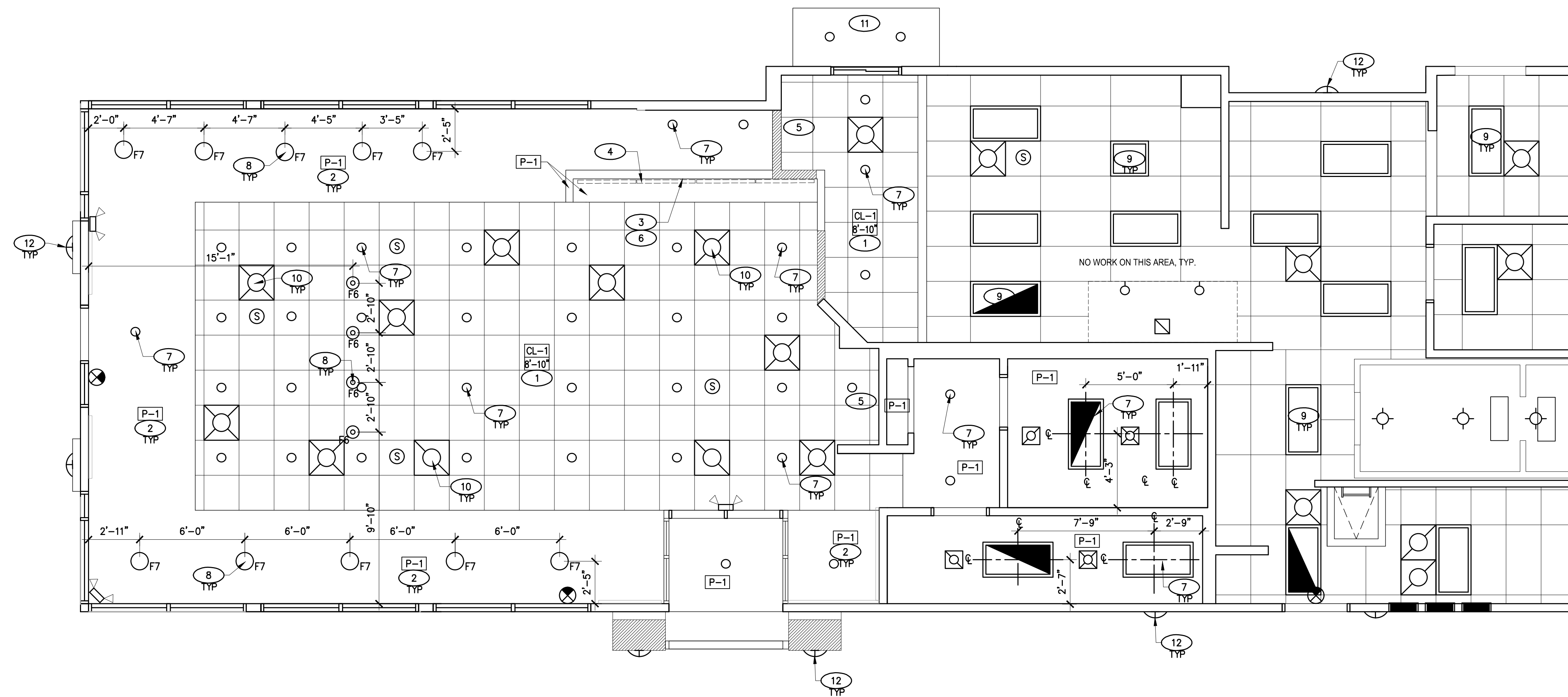
REAR ELEVATION 1/4" = 1'-0" 1



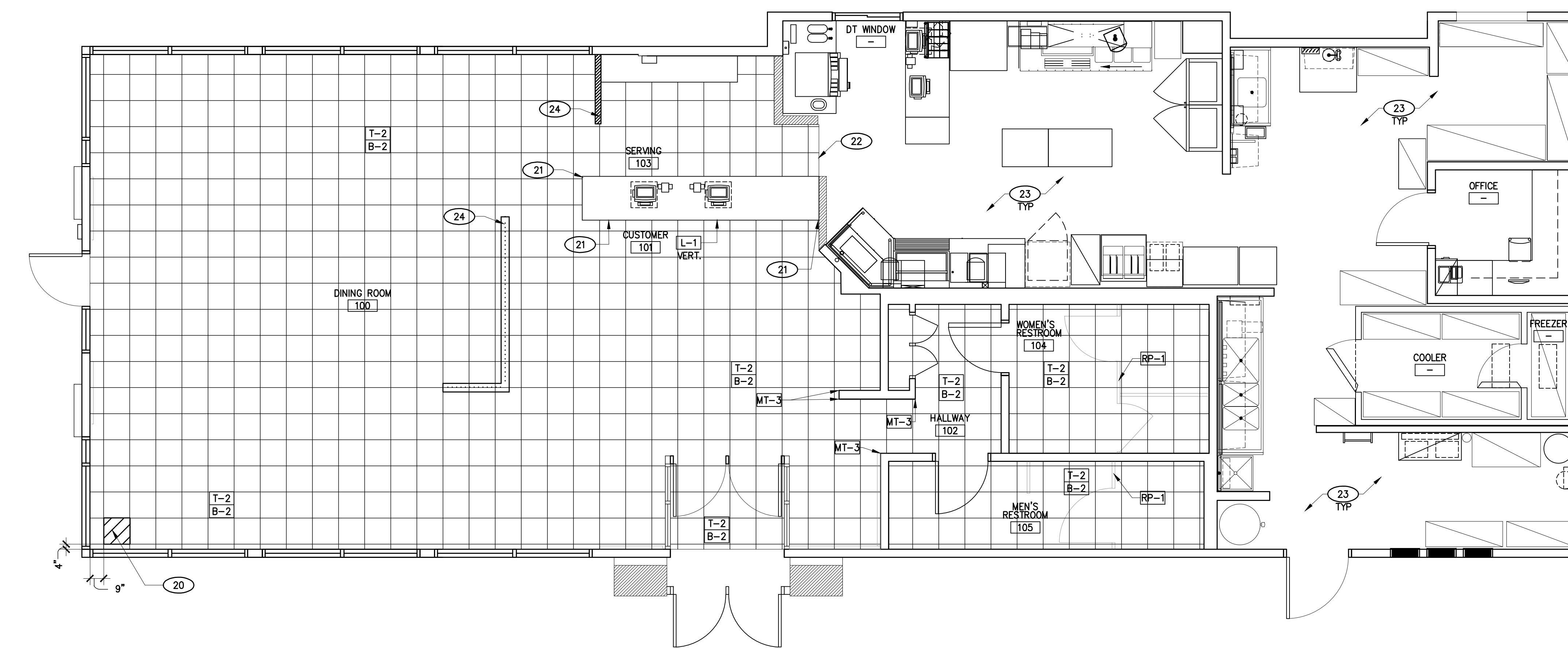
LEFT SIDE ELEVATION 1/4" = 1'-0" 3

- 1 NEW LIGHTING BY SIGN VENDOR. SEE HIA4.0.
- 2 NEW WALL SCONES TO REPLACE EXISTING.
- 3 G.C. TO RESECURE EIFS WHERE LOOSE.
- 4 NEW SIGNAGE TO BE PROVIDED BY VENDOR. PATCH AND PAINT WALL WHERE EXISTING SIGNAGE REMOVED.
- 5 NEW DRIVE THRU CANOPY
- 6 NEW TILE UNDER DRIVE THRU WINDOW.
- 7 G.C. TO INFILL WALL WHERE PRE-PAY WINDOW WAS REMOVED. PREPARE WALL FOR NEW EIFS FINISH. CUT BID BOARD FOR THE REMOVAL OF PRE-PAY WINDOW.
- 8 NEW WEATHER STRIPPING AT SERVICE DOOR
- 9 REPLACE BOTTOM GLASS PANEL ON ALL WINDOWS WITH NEW.

KEYNOTES | B



REFLECTED CEILING PLAN 1/4" = 1'-0" 1



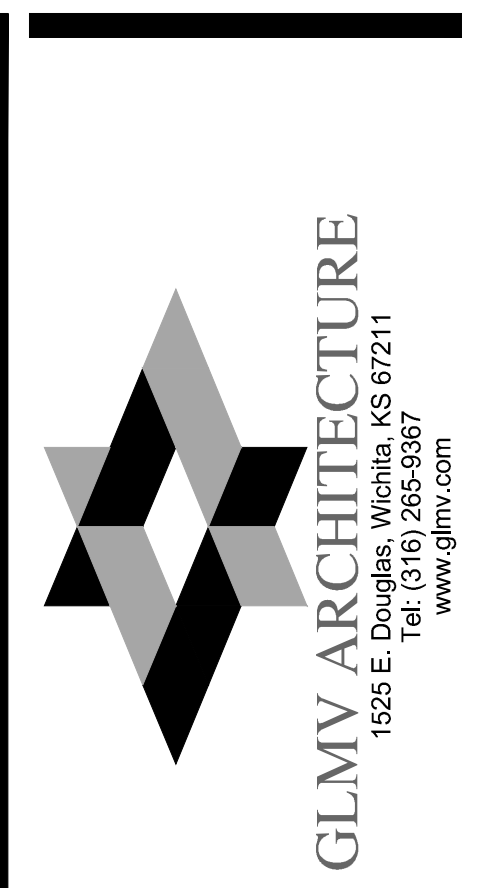
FINISH PLAN 1/4" = 1'-0" 2

- FLOOR FINISH PLAN**
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS & CONDITIONS ON SITE.
 - CONTRACTOR TO FIELD VERIFY AND MAINTAIN ALL FIRE SYSTEMS.
 - DEMOLITION & REMOVAL OF SYSTEMS NOTED INCLUDES ALL WORK REQUIRED TO ACHIEVE SCOPE OF NEW WORK AND DESIGN INTENT.
 - SEE REFLECTED CEILING PLAN FOR MISC. DEMOLITION NOTES FOR ITEMS ABOVE.
 - G.C. TO REPAIR ANY DAMAGED SUBSTRATE PRIOR INSULATION OF NEW TILE BASE. PROVIDE A CLEAR SILICONE SEAL PAINT AT THE TOP OF THE BASE TILE.

- REFLECTED CEILING PLAN**
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS & CONDITIONS ON SITE.
 - CONTRACTOR TO FIELD VERIFY AND MAINTAIN ALL FIRE SYSTEMS.
 - DEMOLITION & REMOVAL OF SYSTEMS NOTED INCLUDES ALL WORK REQUIRED TO ACHIEVE SCOPE OF NEW WORK AND DESIGN INTENT.

GENERAL NOTES A

- REFLECTED CEILING PLAN
SEE SHEET A7.1 FOR LIGHTING FIXTURES SCHEDULE
- NEW CEILING TILE AND GRID.
 - EXISTING SOFFIT TO REMAIN. PATCH AND REPAIR TO LOOK LIKE NEW CONDITION.
 - INSTALL STAINLESS STEEL CAP ON BOTTOM OF NEW MENU BOARD BULKHEAD.
 - NEW DIGITAL BOARD TO BE SUSPENDED FROM CEILING.
 - COORDINATE WITH PEPSI FOR EQUIPMENT PROVIDED AND MODIFY CEILING AS REQUIRED TO MAINTAIN CLEARANCES FOR ICE MACHINE.
 - NEW DIGITAL MENU BOARD TO BE CENTERED BEHIND POS COUNTER. BOTTOM OF MONITORS TO BE 6'-8" A.F.F.
 - ALL NEW LIGHTING IN DINING, HALLWAY, AND RESTROOMS.
 - NEW PENDANT LIGHT FIXTURES. CENTER ABOVE TABLES.
 - EXISTING LIGHTS TO REMAIN IN BOH.
 - NEW DIFFUSERS AND RETURNS IN DINING ROOM.
 - NEW DRIVE THRU CANOPY WITH LIGHTS. VENDOR TO PROVIDE, G.C. TO INSTALL.
 - NEW EXTERIOR WALL SCONCES.



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KEY NOTES B

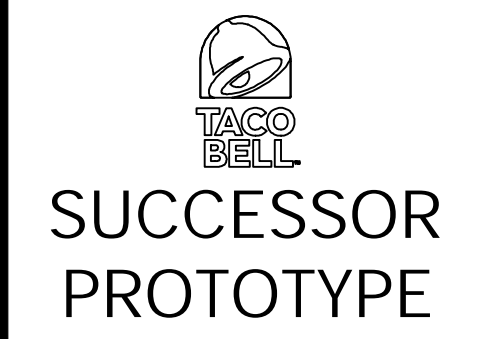
- DENOTES FINISH MATERIAL. REFER TO SHEET A7.2 FOR FINISHES.

FINISH LEGEND C

- NEW 2'x2' SUSPENDED CEILING TILES.
- ▨ EXISTING GYPSUM BOARD CEILING TO REMAIN
- NEW PENDANT LIGHT FIXTURE
- NEW LED DOWNLIGHT
- ⊙ NEW HUB TABLE FIXTURE
- EXISTING LED DOWNLIGHT
- NEW DIFFUSER
- NEW RETURN AIR GRILL
- EXISTING DIFFUSER
- EXISTING RETURN AIR GRILL
- EXISTING DIFFUSER
- EXISTING RETURN AIR GRILL
- ⊙ EXISTING CEILING-MOUNTED EXIT SIGN

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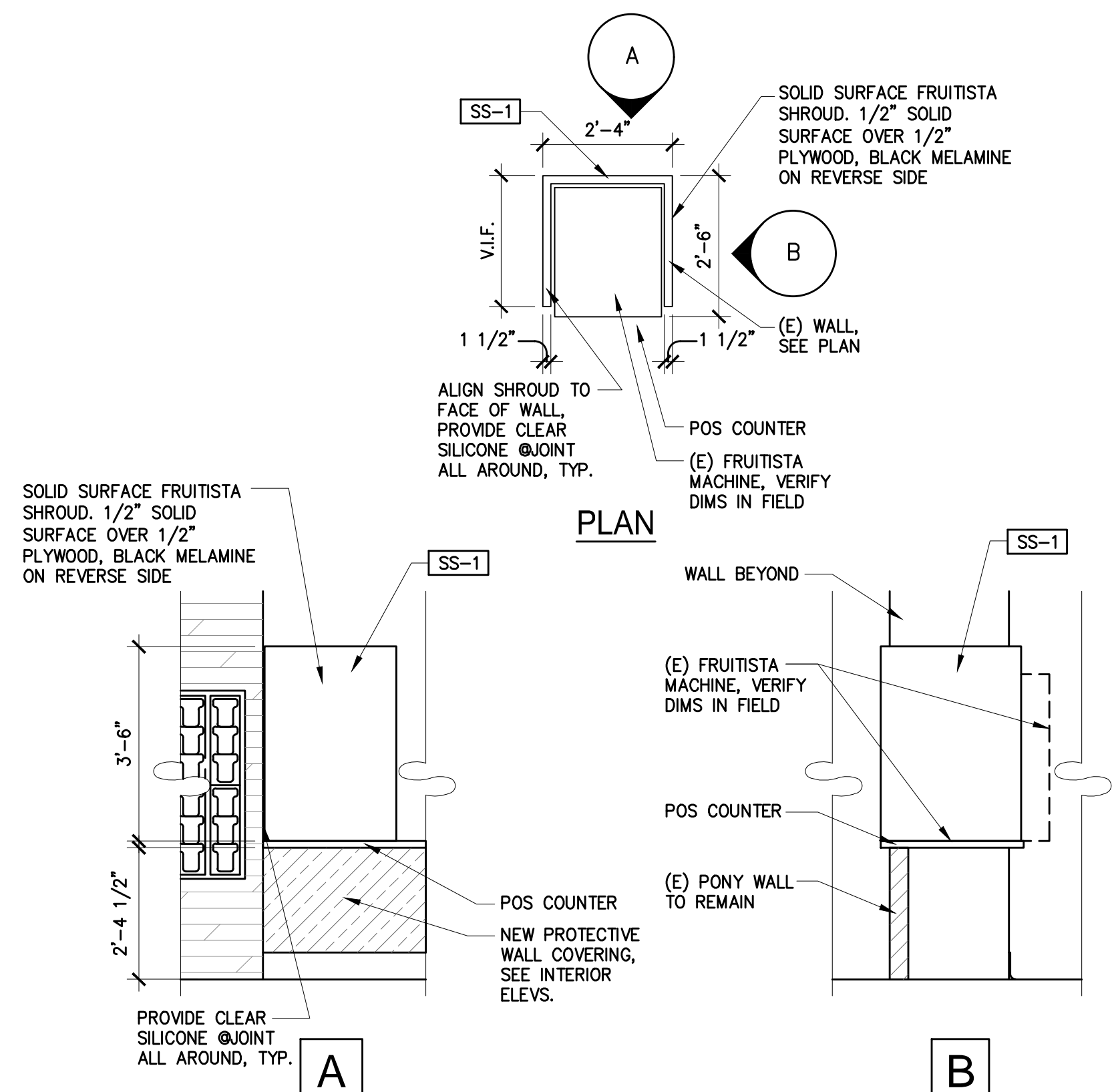
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Spencer, IA 51301



REFLECTED CEILING & FINISH PLANS

A7.1

CEILING LEGEND D



ENLARGED PLAN & DETAILS - FREEZE MACHINE SHROUD 1/2" = 1'-0" H

FINISH SCHEDULE							
	MANUFACTURER	STYLE	COLOR	SIZE	GROUT	COMMENTS	RESPONSIBILITY
CEILING							
CL-1	USG	ACT SYSTEM, USG RADAR, CLIMAPLUS PERFORMANCE SQ. EDGE	#107 TAUPE	2X2	N/A	USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #107 TAUPE	G.F.C.I.
CL-2	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE SQ. EDGE	#050 WHITE	2X4	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE	G.F.C.I.
CL-3	USG	ACT SYSTEM, USG CLEAN ROOM ACOUSTICAL PANELS, CLIMAPLUS PERFORMANCE SQ. EDGE	#050 WHITE	2X2	N/A	CLASS 100 (ISO 5) PANELS, USG DONN BRAND DX/DXL 15/16 TEE SYSTEM, INTERMEDIATE DUTY #050 WHITE	G.F.C.I.
CL-4	USG	COMPASSO TRIM	#002 SILVER SATIN	10"H PROFILE		SEE PLANS AND DETAILS FOR MORE INFO	G.F.C.I.
CL-16	N/A	GYPSUM BOARD	PAINTED PER RCP				G.F.C.I.
CHAIR RAIL							
CR-1	SW	SW7043	WORLDLY GRAY	3 1/2"x 3/4"		SEMI-GLOSS	G.F.C.I.
FLOOR BASE							
B-1	CMC	QUARRY	PURITAN GREY #507	6 X 6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CQ	G.F.C.I.
B-2	CMC	MOTIF GREY	GREY	6 X 12	MAPEI # 2 PEWTER, 1/8" JOINT WIDTH		G.F.C.I.
FLOORING							
T-1	CMC	QUARRY	PURITAN GREY #507	6X6	MAPEI #9 GRAY, 1/8" JOINT WIDTH	KERAPOXY GROUT IEG CQ	G.F.C.I.
T-2	CMC	MOTIF GREY	GREY	18X18	MAPEI, #2 PEWTER, 1/8" JOINT WIDTH		G.F.C.I.
FRP/LAMINATE							
FRP-1	MARLITE	SMOOTH SURFACE	S100 S/2/S WHITE	4' X 9' X .90		COORDINATE ALL TRIM PIECES WITH FRP MFG	V.F.V.I.
L-1	WILSONART	4783K FINISH 7	WHITE TIGRIS			OFFICE SHELVING LAMINATE	V.F.V.I.
L-2	WILSONART	Y0669K-12	MOCHA ASH			SOFTGRAIN FINISH, RR/UTILITY DOORS. VERTICAL GRADE PRODUCT CODE #362 IS .028". HORIZONTAL GRADE PRODUCT CODE #372 IS .039".	V.F.V.I.
CORNER GUARDS							
CG-1	C.S GROUP	ACROVYN VA SERIES	VA-034N #934 PEARL	3/4" X 3/4"		FOR PAINT MATCH P-1	G.F.C.I.
CG-2	C.S GROUP	ACROVYN VA SERIES	VA-034N #262 DRIFTWOOD	3/4" X 3/4"		FOR PAINT MATCH CR-1 & WC-1	G.F.C.I.
METAL TRANSITION							
MT-1	SCHLUTER	JOLLY	A 100 AT - SATIN NICKEL ANODIZED ALUMINUM	3/8"	N/A	VERTICAL TRIM AT WALL TILE TO GYPSUM BOARD TRANSITION DINING/POS AREAS	G.F.C.I.
MT-3	SCHLUTER	RONDEC-ALUMINUM		3/8"	N/A	1/2" X 1/2" OUTSIDE CORNER RIM ON WAINSCOT	G.F.C.I.
RESTROOM PARTITION							
RP-1	SCRANTON PRODUCTS	FLOOR TO CEILING (PREFERRED) FLOOR MOUNTED OVRHD BRACED (ALT)	BLACK W/ ORANGE PEEL TEXTURE		N/A	HARDWARE: ALL STAINLESS STEEL. CHOICE OF HINGE & LATCH. STAINLESS STEEL SHOE TYP. USE STEALTH INTEGRAL HINGE.	V.F.V.I.
SOLID SURFACE							
SS-1	CORIAN	LAVA ROCK	LAVA ROCK			COUNTERTOPS/24" DIAMETER TABLE TOP	V.F.V.I.
WALL COVERING							
WC-1	WOLF GORDON	"RAMPART" HIGH IMPACT WALL COVERING	FOUNDATION / PIGMENT (GOH 12172606)		RAILROAD INSTALLATION: THERE SHOULD BE NO SEAMS ALONG WALLS	1 ROLL: 80 L.F.	G.F.C.I.
WALL PAINT							
P-1	SHERWIN WILLIAMS	SW7021	SIMPLE WHITE	N/A	N/A	PAINT FINISH WALLS: EGGSHELL TRIM/BOH: SEMI-GLOSS (CHAIR RAIL) CEILING: FLAT	G.F.C.I.
P-2	SHERWIN WILLIAMS	TB2603C	PURPLE	N/A	N/A		G.F.C.I.
P-3	SHERWIN WILLIAMS	SW7076	CYBER SPACE	N/A	N/A		G.F.C.I.
P-4	SHERWIN WILLIAMS	SW7005	PURE WHITE	N/A	N/A		G.F.C.I.
WALL TILE							
W-1	CMC	FORM	ICE DECO MIX	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM ACCENT WALL TILE	G.F.C.I.
W-2	CMC	FORM	ICE	8X8	MAPEI #47 CHARCOAL, 1/8" JOINT WIDTH	RESTROOM WALL TILE	G.F.C.I.
W-3	CMC	SALVAGEWOOD	WHITELASH	3X36	MAPEI #01 ALABASTER, 1/8" JOINT WIDTH	RUNNING BOND INSTALLATION OFFSET 25%	G.F.C.I.

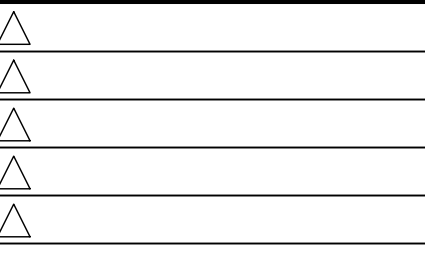


I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed architect under the laws of the state of Iowa.

Steven T. Wise Date

License number ARC07896
Renewal date June 30, 2023
All pages and sheets are covered by this seal.

21678R21003



CONTRACT DATE: 01.18.2022
BUILDING TYPE: TYPE T-K
PLAN VERSION: -
BRAND DESIGNER: -
SITE NUMBER: -----
STORE NUMBER: 37478

TACO BELL
320 11th St. SW Plaza
Spencer, IA 51301



SUCCESSOR PROTOTYPE
LIGHT FIXTURE & FINISH SCHEDULES AND FINISH NOTES
A7.2
DS

FINISH LEGEND A

APPLICATION OVER EXISTING MARMOLEUM	APPLICATION OVER EXISTING SUBSTRATE (USE IF MARMOLEUM IS NOT PRESENT)
<p>1. RAMPART WALL COVERING TO BE INSTALLED PER MANUFACTURER.</p> <p>2. ALL SURFACES MUST BE CLEAN, DRY, STRUCTURALLY SOUND, AND FREE OF GREASE. ANY MILDEW MUST BE REMOVED FROM THE WALLS, AND ALL SURFACES MUST BE TREATED TO INHIBIT FURTHER MILDEW GROWTH. LINERS SHOULD NOT BE INSTALLED UNLESS A TEMPERATURE OF AT LEAST 55 DEGREES CAN BE MAINTAINED IN BOTH THE AREAS OF INSTALLATION AND WHERE THE WALL PROTECTION APPLICATION MATERIAL ARE STORED.</p> <p>3. APPLY ROMAN PRO 935 R-35 ADHESION PROMOTING PRIMER (AVAILABLE AT ALL BIG-BOX RETAILERS) WITH A ROLLER OVER THE MARMOLEUM. ALLOW THE SURFACE TO DRY OVERNIGHT.</p> <p>4. RECOMMENDED WALL LINING MATERIAL IS KOROLINER, AVAILABLE THROUGH WOLF-GORDON.</p> <p>5. PASTE ONLY ONE STRIP OF LINER AT A TIME. ACCOMPLISH THIS BY BRUSHING OR ROLLING A QUALITY PRE-MIXED ADHESIVE THOROUGHLY OVER THE BACK OF THE LINER STRIP (ROMAN PRO 555 EXTREME TACK ADHESIVE IS RECOMMENDED). MAKE SURE ALL EDGES ARE COVERED. DO NOT CREASE THE MATERIAL.</p> <p>6. ALIGN THE FIRST STRIP TO A PLUMB LINE. SMOOTH AND OVERLAP FROM THE TOP OF BOTTOM OF THE STRIP. SMOOTH THE STRIP TO THE WALL WITH A SOFT BRUSH, REMOVING ALL AIR POCKETS IN THE PROCESS. BUTT OR DOUBLE CUT ALL SEAM, BUT DO NOT OVERLAP THE LINER MATERIAL - OVERLAPS LEAVE VISIBLE IMPERFECTIONS ON THE OTHERWISE SMOOTH WALL SURFACE.</p> <p>7. SET SEAMS WITH A SEAM ROLLER TO PREVENT THEM FROM OPENING OR CURLING AWAY FROM THE WALL WHILE DRYING. DO NOT USE EXCESSIVE PRESSURE WHEN ROLLING SEAMS, AS IT COULD SQUEEZE OUT TOO MUCH OF THE PASTE WHICH COULD ALSO CAUSE THE SEAM TO OPEN UP WHEN DRY.</p> <p>8. USE SCISSORS OR A SINGLE-EDGE RAZOR BLADE TO TRIM EXCESS MATERIAL AT THE TOP, BASE, AND AROUND WINDOWS AND DOORFRAMES.</p>	<p>1. LAMINATE MAY BE SHIPPED FLAT OR ROLLED IN A BOX. FOR LONG TERM STORAGE, WILSONART RE-COVER LAMINATE SHOULD BE STORED FLAT (HORIZONTALLY) WITH THE ADHESIVE SIDE FACING DOWN (DECORATIVE SIDE UP). CONDITION BOTH THE LAMINATE AND THE SUBSTRATE IN THE SAME ENVIRONMENT FOR 48 HOURS BEFORE FABRICATION. IF ROLLED, UNROLL THE LAMINATE FOR THE 48 HOUR ACCLIMATION PERIOD. RECOMMENDED CONDITIONING AND ACCLIMATION IS 75% AND 50% RELATIVE HUMIDITY. DO NOT APPLY RE-COVER LAMINATE IF THE SURFACE TEMPERATURE OF THE LAMINATE OR THE SUBSTRATE IS BELOW 50°.</p> <p>2. IF BONDING OVER AN EXISTING SUBSTRATE THAT IS DAMAGED, REPAIR THE SURFACE TO PREVENT AN UNEVEN APPEARANCE OF THE FINISHED ASSEMBLY. RECOMMENDED PRODUCTS FOR REPAIRING DAMAGED HIGH PRESSURE DECORATIVE LAMINATE OR WOOD SUBSTRATE: J-B WELD WOODWELD, ELMER'S CARPENTER'S WOOD FILLER, AND BONDO ALL-PURPOSE PUTTY. BE SURE TO READ AND FOLLOW THE MANUFACTURER'S PRECAUTIONS AND DIRECTIONS FOR USE. SAND AND CLEAN ALL REPAIRED AREAS BEFORE APPLYING THE LAMINATE.</p> <p>3. SUBSTRATES SHOULD BE CLEAN AND FREE OF RESIDUE. IF BONDING TO AN EXISTING DECORATIVE SURFACE, MAKE SURE IT IS ADEQUATELY CLEANED AND DRIED BEFORE BONDING. SUITABLE CLEANING PRODUCTS INCLUDE: WILSONART @110, WILSONART @121, WILSONART @130, WILSONART @131, WILSONART @131A, ACETONE, ISOPROPYL ALCOHOL, OR WINDEX WITH AMMONIA. DO NOT USE A CLEANER THAT WILL LEAVE AN OILY RESIDUE. BE SURE TO READ AND FOLLOW THE MANUFACTURER'S PRECAUTIONS AND DIRECTIONS FOR USE.</p> <p>4. TO PRECUT LAMINATE PRIOR TO BONDING, USE CARBIDE TIPPED SAW BLADES, ROUTER BITS AND LAMINATE SLITTERS. CUTTING BLADES AND ROUTER BITS SHOULD BE KEPT SHARP AND CLEAN.</p> <p>5. WHEN USING MULTIPLE SHEETS OF LAMINATE TO COVER AN AREA, LEAVE A GAP BETWEEN SHEETS TO ALLOW "IS" REQUIRED BETWEEN SHEETS OF FOR PROPER LAMINATE MOVEMENT. A MINIMUM GAP OF 1/16 " IS RE-COVER LAMINATE USED IN NON-ENVIRONMENTALLY CONTROLLED AREAS. A MINIMUM GAP OF 1/32 REQUIRED BETWEEN SHEETS OF RE-COVER LAMINATE IN ENVIRONMENTALLY CONTROLLED AREAS.</p> <p>6. PRIOR TO INSTALLATION, AND BEFORE REMOVING THE PEEL SHEET THAT COVERS THE ADHESIVE, DRY FIT THE RE-COVER LAMINATE TO THE SUBSTRATE. ONCE YOU HAVE INDEXED THE LAMINATE, REMOVE 1" - 2" OF THE PEEL SHEET ON ONE END AND LIGHTLY TACK IT IN PLACE. BEGIN REMOVING THE PEEL SHEET, MAKING SURE THE OPPOSITE END IS STILL PROPERLY ALIGNED. WORK YOUR WAY DOWN THE ENTIRE LENGTH OF THE LAMINATE SHEET UNTIL THE PEEL SHEET IS COMPLETELY REMOVED AND THE RE-COVER LAMINATE IS FLAT ON THE SURFACE. APPLY UNIFORM BONDING PRESSURE (30-40 PSI MINIMUM) OVER THE ENTIRE BONDED SURFACE WITH A WIDE J-ROLLER. DO NOT USE A WOODEN BLOCK USING A MECHANICAL PINCH ROLLER (RECOMMENDED) OR A 3" OR OTHER HAND ROLLER.</p> <p>7. RE-COVER LAMINATE IS NOT REPOSITIONABLE. ANY ATTEMPTS TO REPOSITION THE LAMINATE WILL RESULT IN INADEQUATE BONDING. IF THE RE-COVER LAMINATE HAS BEEN POSITIONED INCORRECTLY, REMOVE USING A HEAT GUN TO SOFTEN THE ADHESIVE, AND THEN PULL THE LAMINATE AWAY FROM THE SUBSTRATE. ONCE A SHEET IS REMOVED, IT CANNOT BE REAPPLIED. REPLACE IT WITH A NEW SHEET OF RE-COVER LAMINATE.</p> <p>8. ONCE BONDED, YOU CAN BEGIN MACHINING THE RE-COVER ASSEMBLY IMMEDIATELY. HIGH TOOL SPEED AND LOW FEED SPEED ARE RECOMMENDED FOR BEST RESULTS. PRIOR TO ROUTING EDGES, A RAZOR MAY BE USED TO SCORE THE ADHESIVE SIDE OF THE LAMINATE TO PREVENT THE ADHESIVE LAYER FROM ROLLING UP DURING THE PROCESS.</p> <p>9. TO AVOID STRESS CRACKING, DO NOT USE SQUARE-CUT INSIDE CORNERS. ALL INSIDE CORNERS SHOULD HAVE A RADIUS. DRILL OVERSIZED HOLES FOR SCREWS OR BOLTS. SCREWS OR BOLTS SHOULD BE A MINIMUM OF 1/8" SLIGHTLY COUNTERSUNK INTO THE FACE SIDE OF A LAMINATE CLAD SUBSTRATE.</p>

VINYL WALLCOVERING INSTALLATION INSTRUCTIONS G

NOTE: IF ANY DEFECT, COLOR VARIATION, OR UNACCEPTABLE PATTERN EFFECT IS NOTICEABLE AFTER THREE PANELS ARE CUT AND HUNG, STOP AND CONTACT WOLF-GORDON IMMEDIATELY. WOLF-GORDON CANNOT ACCEPT ANY CLAIMS ON LABOR OR MATERIAL AFTER MORE THAN THREE PANELS ARE INSTALLED.

Name	Floor Finish	Base Finish	Wall Finish	Accent Wall	Restroom Partition Finish	CEILING	LAMINATES	Comments
DINING	T-2	B-2	P-1, CR-1, WC-1, MT-3,	W-3	N/A	CL-1, P-1	CL-1, P-1	P-1
KITCHEN	EXISTING	EXISTING	AS NEEDED	N/A	N/A	EXISTING	N/A	EXISTING
MEN'S RESTROOM	T-2	B-2	W-2	W-1	RP-1	P-1	N/A	N/A
WOMEN'S RESTROOM	T-2	B-2	W-2	W-1	RP-1	P-1	N/A	N/A

FINISH SCHEDULE B

- WHERE NOTED INSTALL FRP PANELS ON WALLS FROM TOP OF TILE BASE TO BOTTOM OF CEILING GRID EXCEPT WHERE CERAMIC TILE IS INDICATED. INSTALL FRP ON KITCHEN SIDE OF SERVING COUNTER WALL.
- REFER TO INTERIOR ELEVATIONS FOR LOCATIONS OF TILE AND FRP.
- FOR FINISH LOCATIONS REFER TO: SHEETS A4.0 & A4.1 - EXTERIOR ELEVATIONS SHEET A7.1 - FLOOR FINISH PLAN AND REFLECTED CEILING PLAN SHEETS A8.0 TO A8.1 - INTERIOR ELEVATIONS
- ALL INTERIOR WALL & CEILING FINISHES TO BE CLASS A & B TO MEET ASTM E 84 MATERIAL TESTS. ALL FLOOR FINISHES MUST COMPLY W/ DOC FF-1 "PILL TEST" SANITARY COVE BASE SHALL BE OF SAME CLASS AS FLOOR FINISH AS DEFINED BY NFPA 253.
- APPROVED PAINT MANUFACTURERS: PORTER, BENJAMIN MOORE, SHERWIN WILLIAMS, ICI, & PITTSBURGH PAINTS. MATCH SPECIFIED SCHEDULE COLORS EXACTLY.
- ALL MORTARS SHALL BE MIXED WITH WHITE SAND TO INSURE A COLOR CONSISTENT TO THE ORIGINAL DESIGN INTENT.

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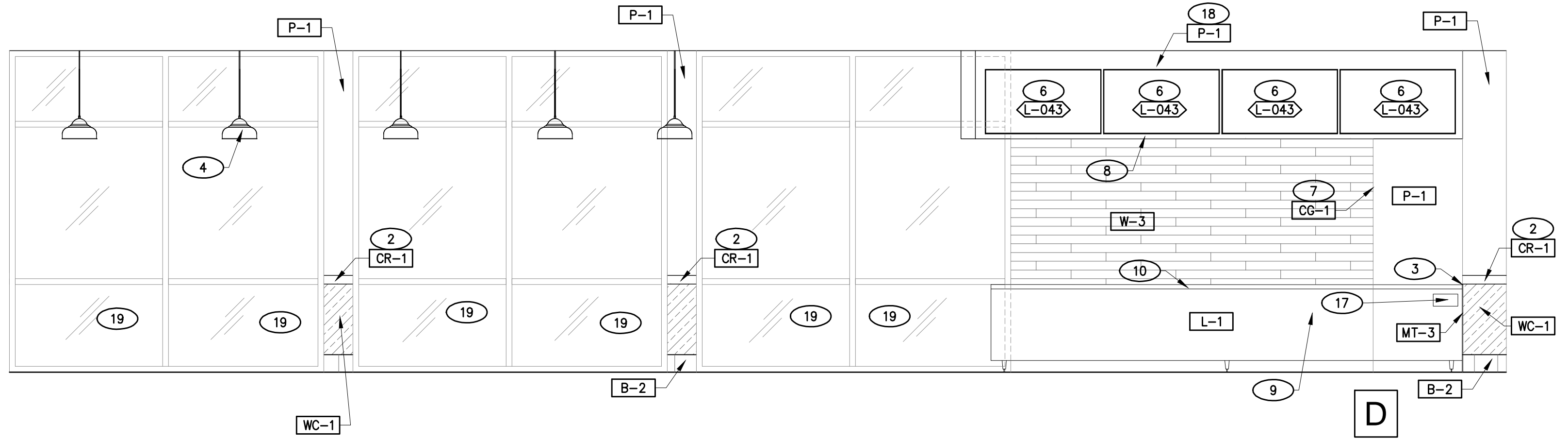
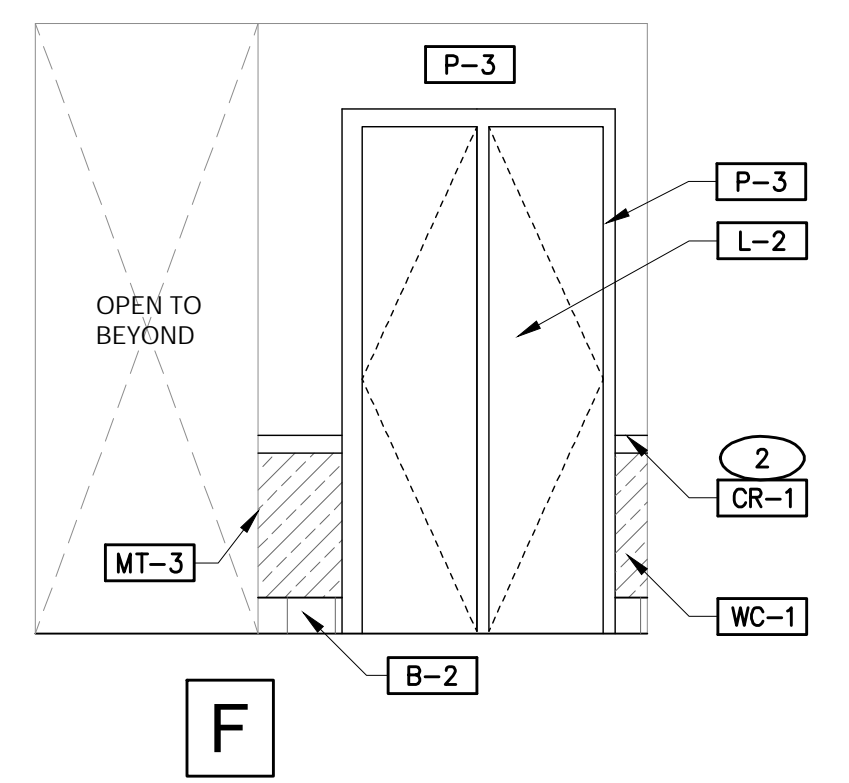
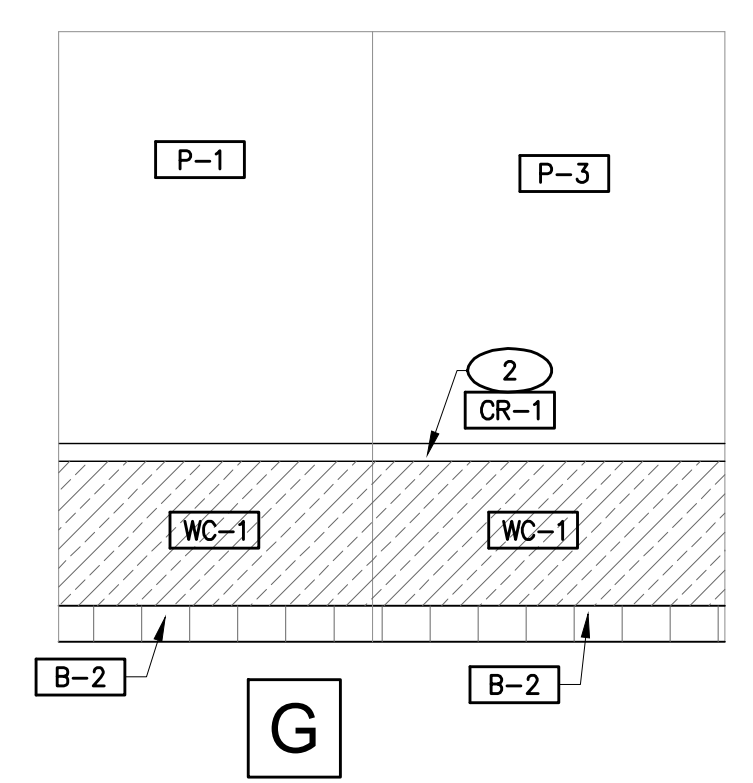
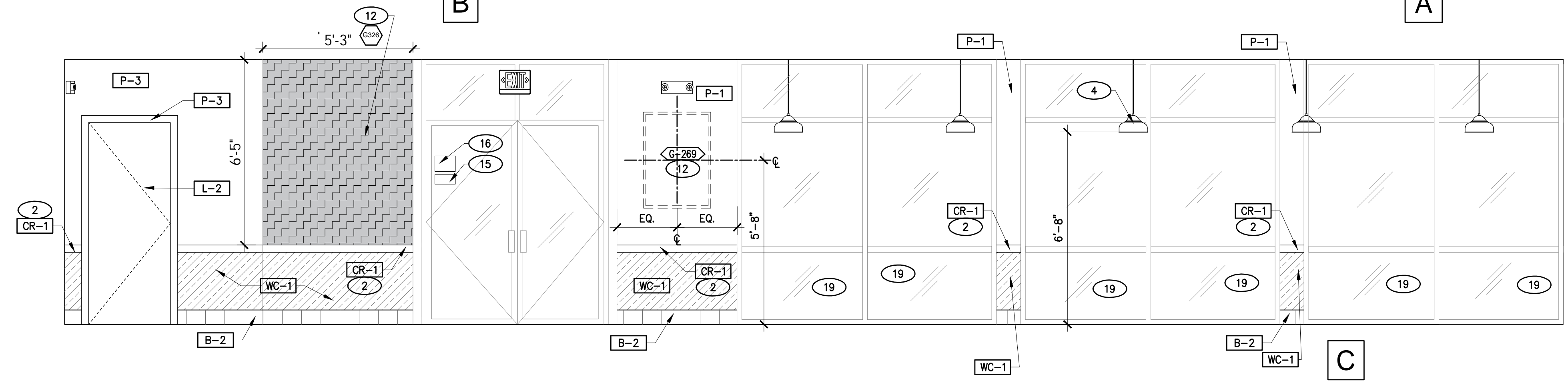
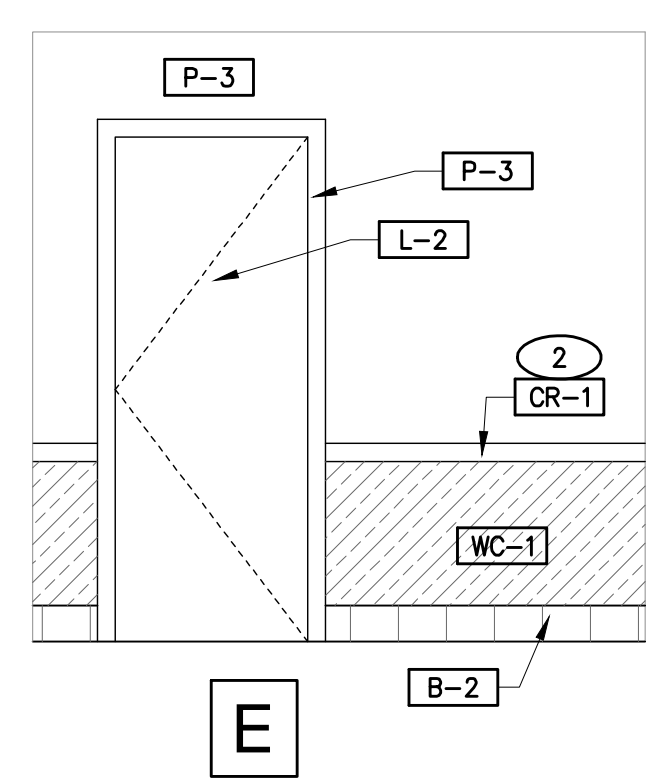
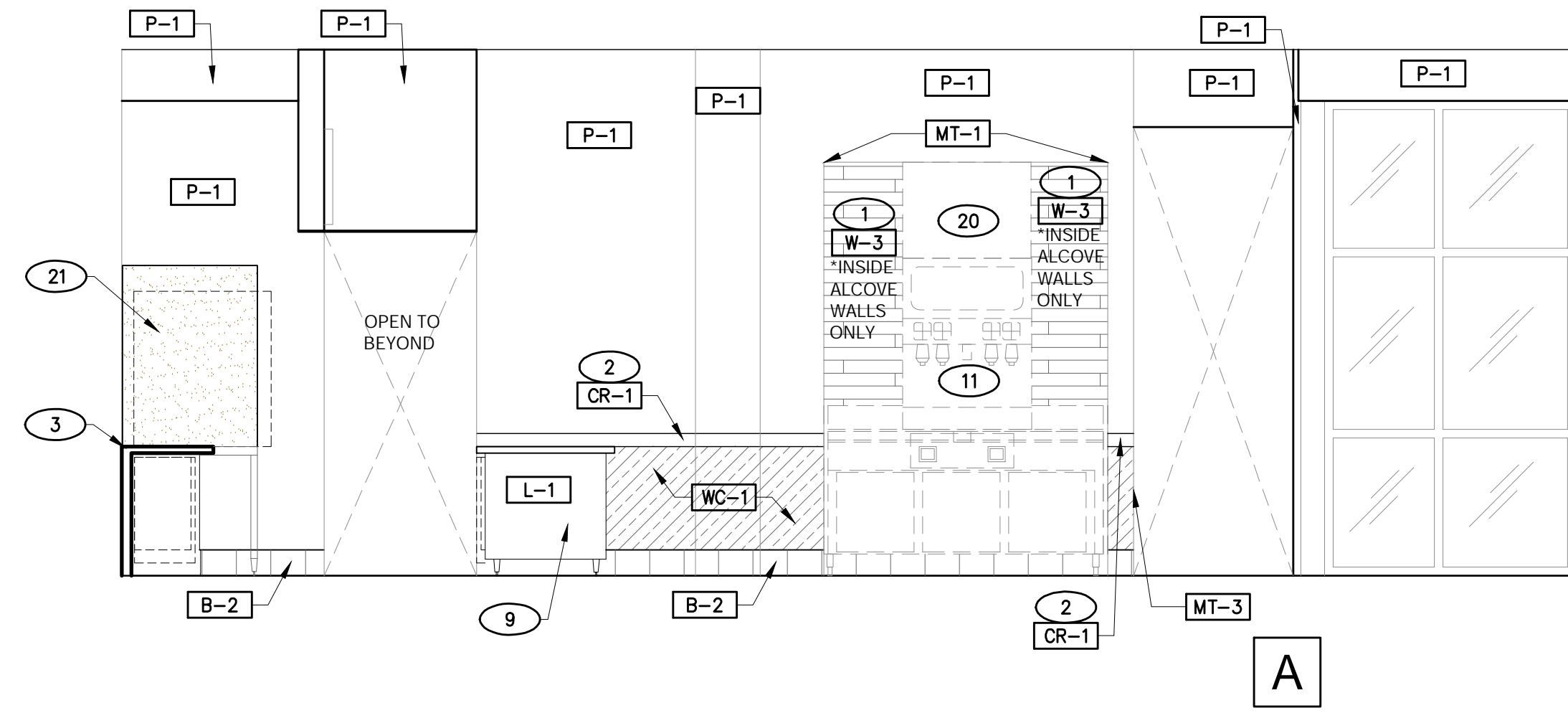
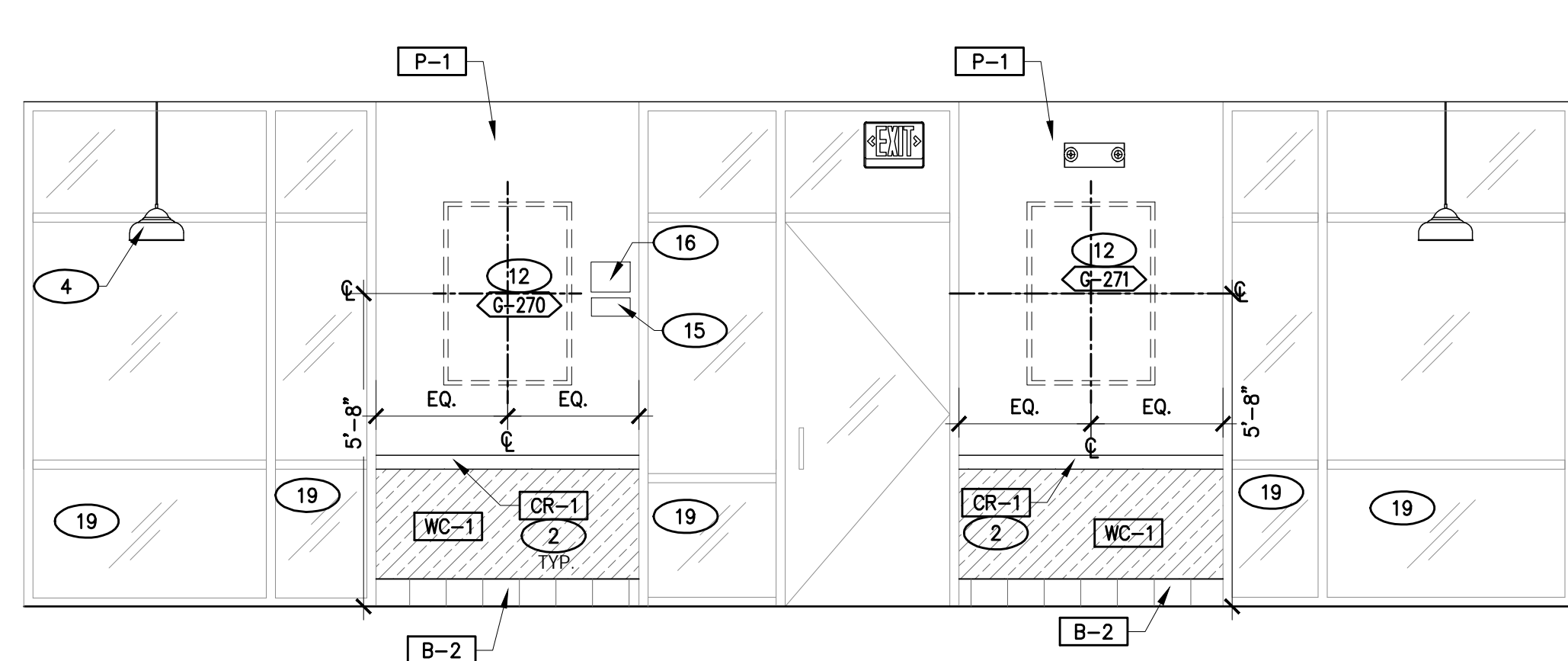
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LISA FYKE
ARCHITECTURAL REPRESENTATIVE
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P: (909) 247-5324
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ROOM FINISH NOTES D

PAINTING EXISTING METAL CEILING GRIDS AND HVAC GRILLS/DIFFUSERS
APPLICATOR MUST DO THEIR DUE DILIGENCE WITH PREPARATION PRIMER: 1 COAT OR SPOT PRIME OF B66W310, PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER.
FINISH: 2 COATS SW A82-100 SERIES, A-100 EXTERIOR LATEX SATIN

PAINT SPEC E

CONTACT INFORMATION C



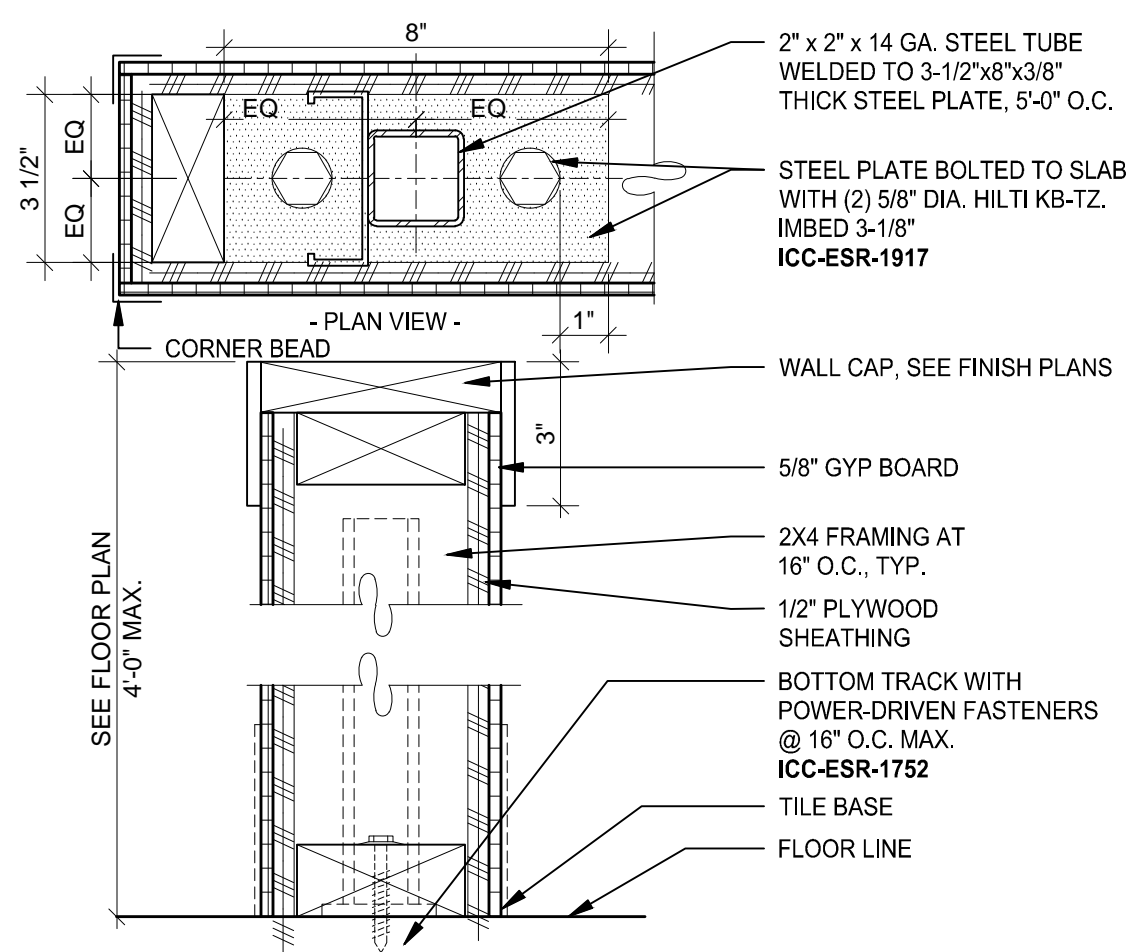
1. DENOTES EQUIPMENT ITEM--REFER TO EQUIPMENT SCHEDULE SHEET A2.0
2. DENOTES FINISH MATERIAL--REFER TO ROOM FINISH SCHEDULE SHEET A7.2
3. REFER TO FLOOR PLAN "GENERAL NOTES", SHIT A2.0
4. FOR BULKING & SUBSTRATE NOTES. REFER TO SHIT A8.1 FOR ENLARGED TOILET ROOM PLAN W/DIMS. & ACCESSORIES.
5. REFER TO SHIT A8.1 FOR TOILET ROOM ACCESSORIES & SCHEDULE.
7. PROVIDE PROPER 2X BLOCKING AT WALL. RECESSED MOUNTED ACCESSORIES.
8. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS.
9. REFER TO SHEET A1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
10. ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.

GENERAL NOTES A

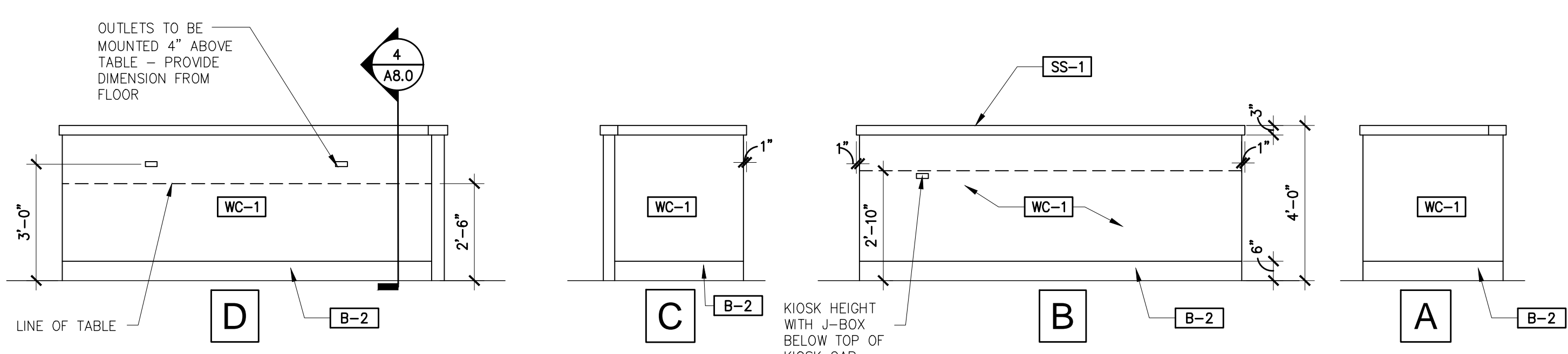
1. INSTALL WALL TILE ON ALL SIDES OF BEVERAGE ALCOVE.
2. CHAIR RAIL.
3. PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS/ EQUIPMENT ABUT WALL SURFACES. WHERE GAP BETWEEN WALL AND COUNTER SPLASH/ EQUIPMENT EXCEEDS 1/4", PROVIDE S.S. CLOSURE ANGLE.
4. DROP PENDANT LIGHT FIXTURE.
5. NOT USED.
6. NEW DIGITAL MENU BOARDS. 1/2 PLYWOOD BACKING (150"x18") TO BE INSTALLED BEHIND THE DRYWALL/FINISHED WALL SURFACE.
7. 2" X 2" SS CORNER/END WALL CHANNEL GUARD. FULL HEIGHT.
8. STAINLESS WRAP TO FINISH OFF UNDERSIDE OF BULKHEAD.
9. NEW POS/SERVING COUNTER.
10. NEW SOLID SURFACE COUNTERTOP.
11. REINSTALL EXISTING PEPSI DRINK MACHINE, TEA URNS, AND DRINK TABLE.
12. NEW ARTWORK/MURAL LOCATION.
14. DECORATIVE METAL BLACK TRIM AT EXPOSED EDGES AND OUTSIDE CORNERS OF POS COUNTER.
15. ACCESSIBLE SIGNAGE. VERIFY LOCAL REQUIREMENTS.
16. PROVIDE TACTILE EXIT SIGN AT EGRESS DOOR PER "TACTILE SIGN" DETAIL ON ADA.1 WHEN EXISTING IS NOT REQUIRED.
17. INSTALL "ASK IF YOU NEED ASSISTANCE SIGN".
18. NEW MENUBOARD BULKHEAD AND SOFFIT.
19. NEW BOTTOM GLASS PANEL ON ALL WINDOWS.
20. NEW ICE MACHINE.
21. NEW FRUITISTA MACHINE LOCATION WITH SHROUD.

INTERIOR DINING ROOM ELEVATIONS 3/8" = 1'-0" 1

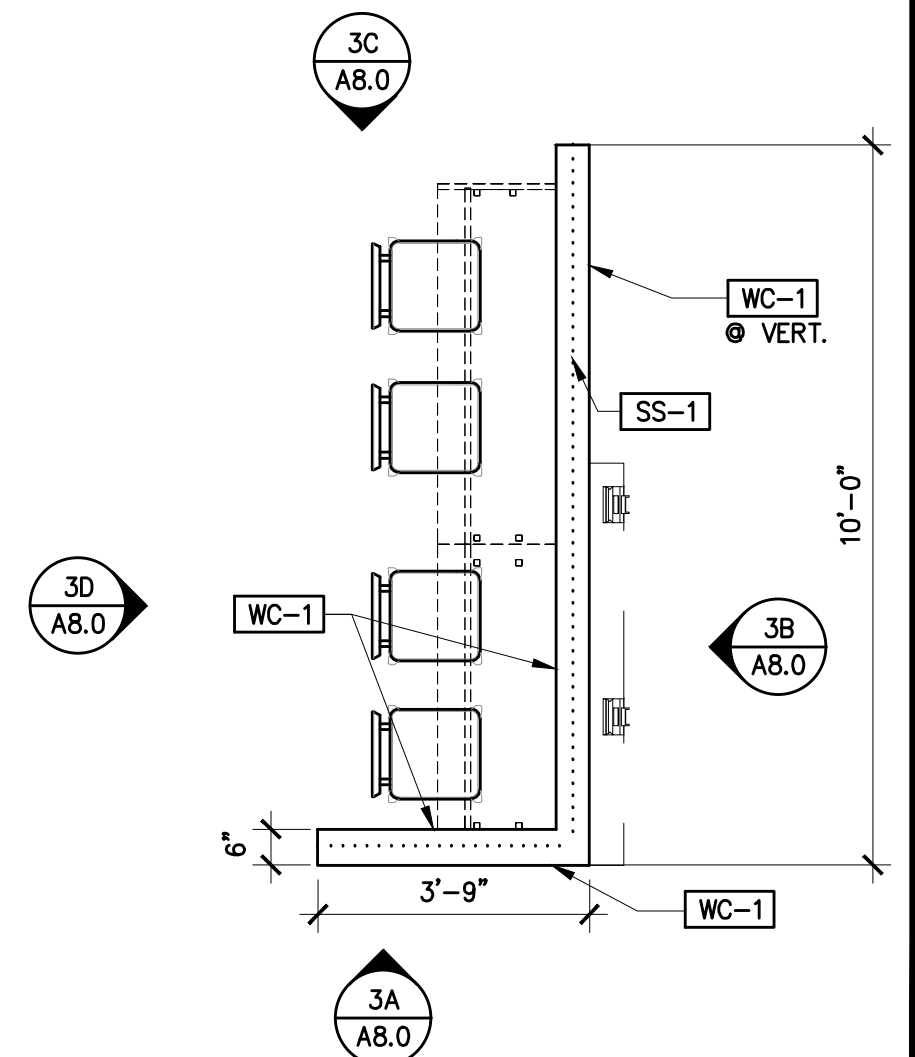
KEYNOTES B



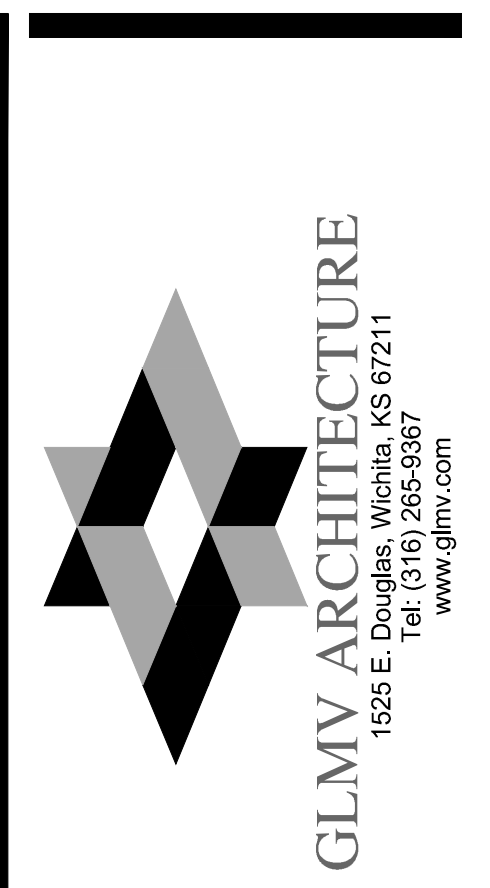
BANQUETTE LOW WALL DETAIL 3" = 1'-0" 4



DINING PANEL ELEVATION 3/8" = 1'-0" 3



ENLARGED DINING PANEL 3/8" = 1'-0" 2



I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed architect under the laws of the state of Iowa.

Steven T. Wise Date

License number ARCO7896
Renewal date June 30, 2023
All pages and sheets are covered by this seal.

21678R21003

CONTRACT DATE: 01.18.2022
BUILDING TYPE: TYPE T-K
PLAN VERSION:
BRAND DESIGNER:
SITE NUMBER:
STORE NUMBER: 37478

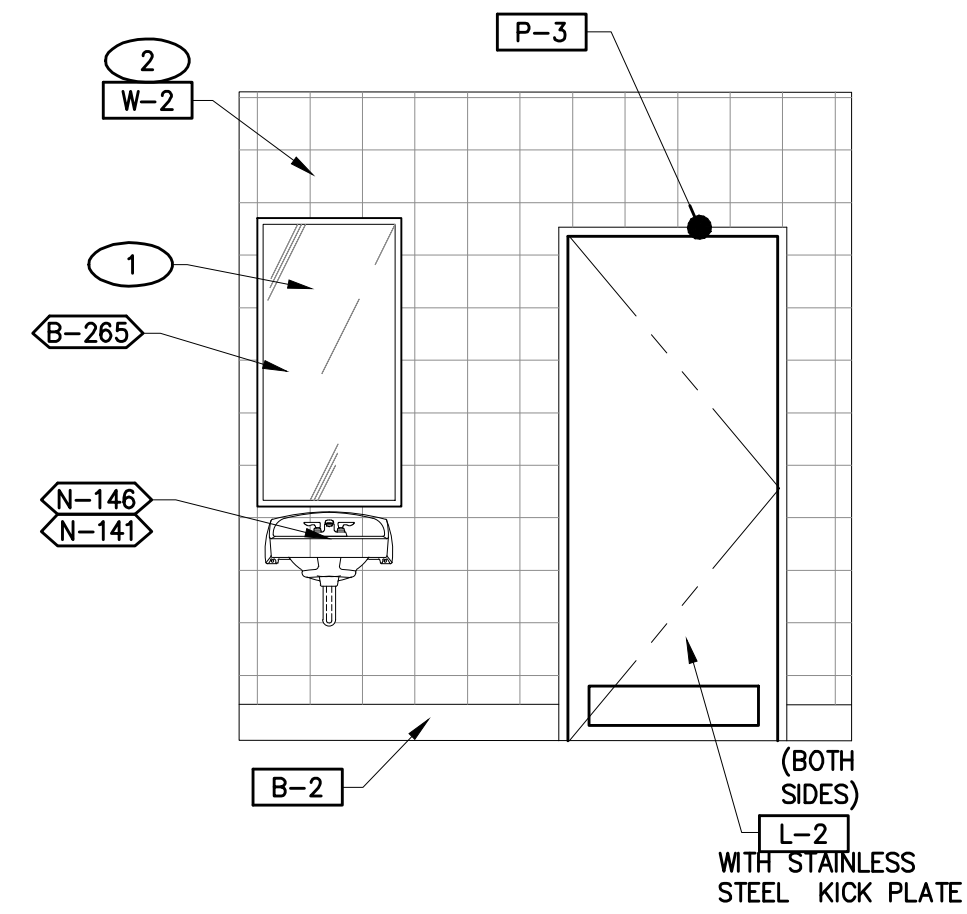
TACO BELL
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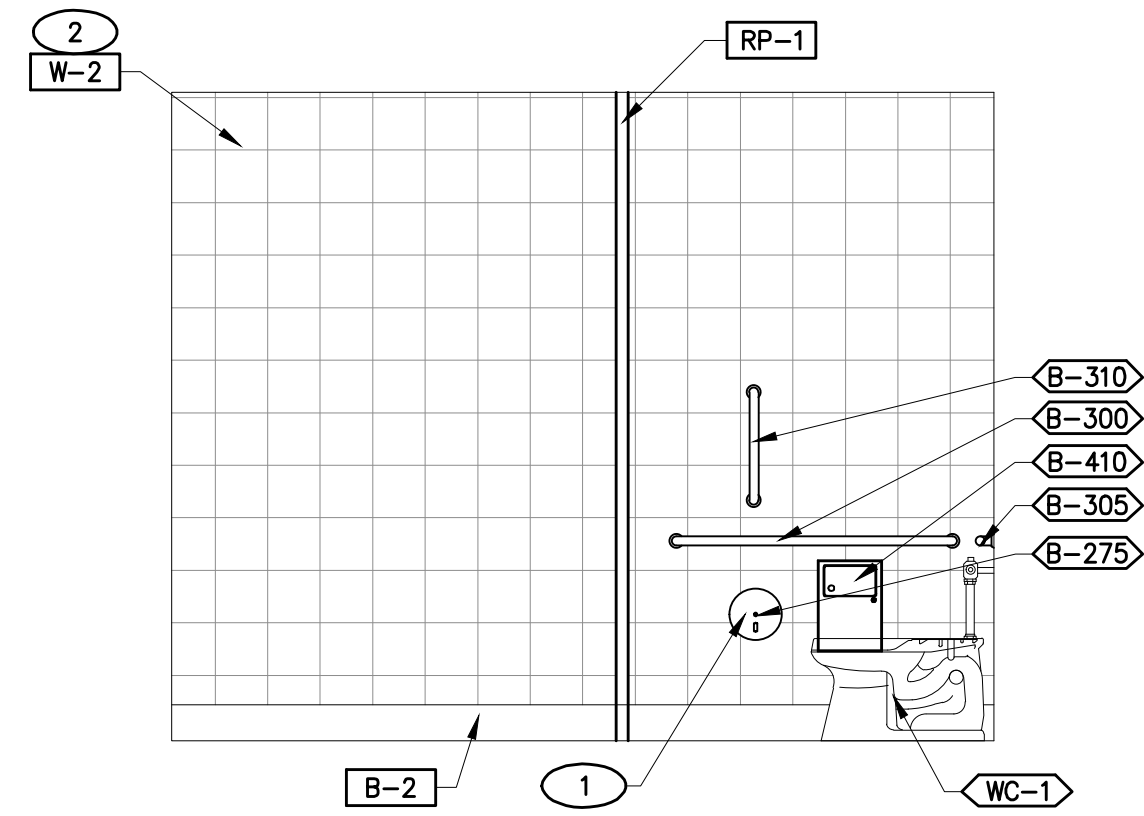
SUCCESSOR PROTOTYPE

INTERIOR ELEVATIONS

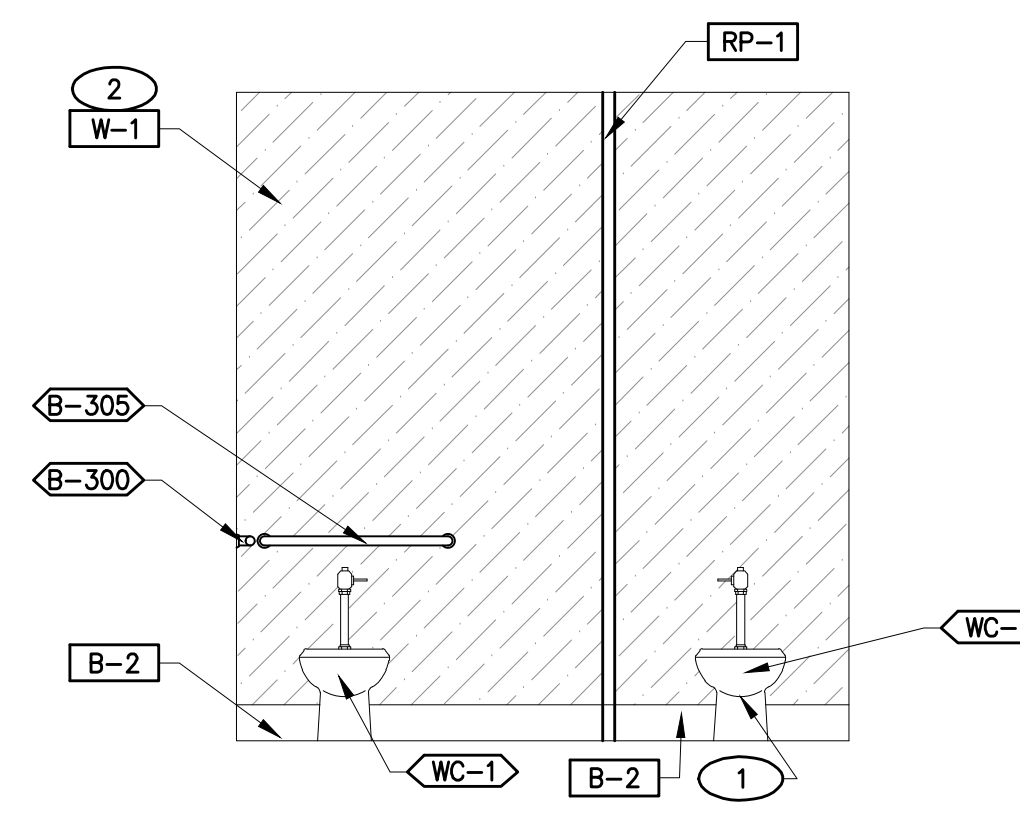
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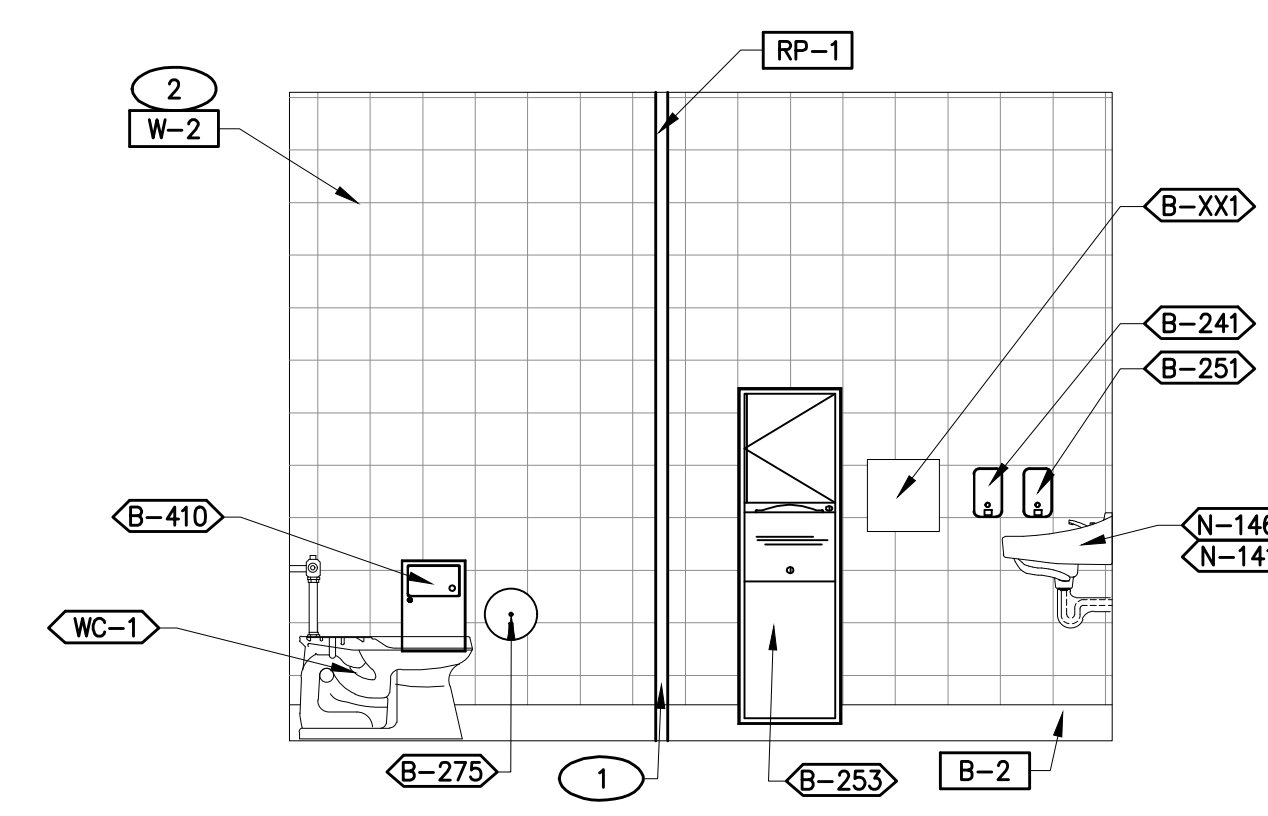
WOMEN'S RESTROOM 3/8" = 1'-0" 4



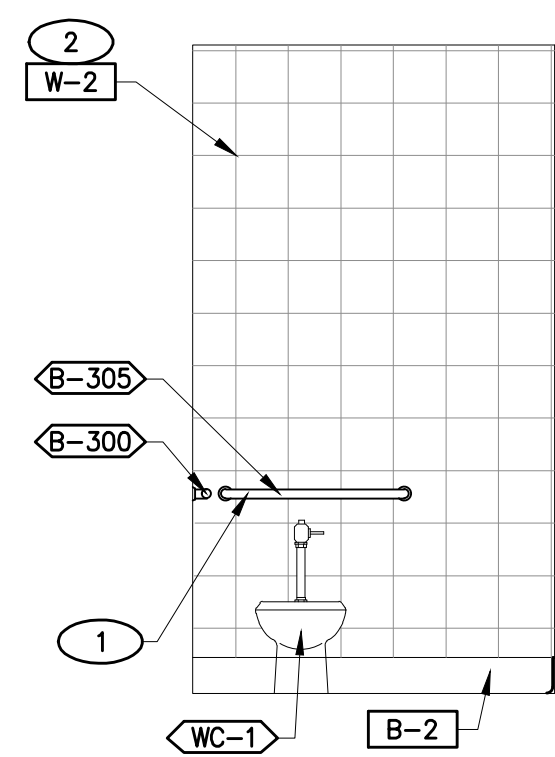
WOMEN'S RESTROOM 3/8" = 1'-0" 3



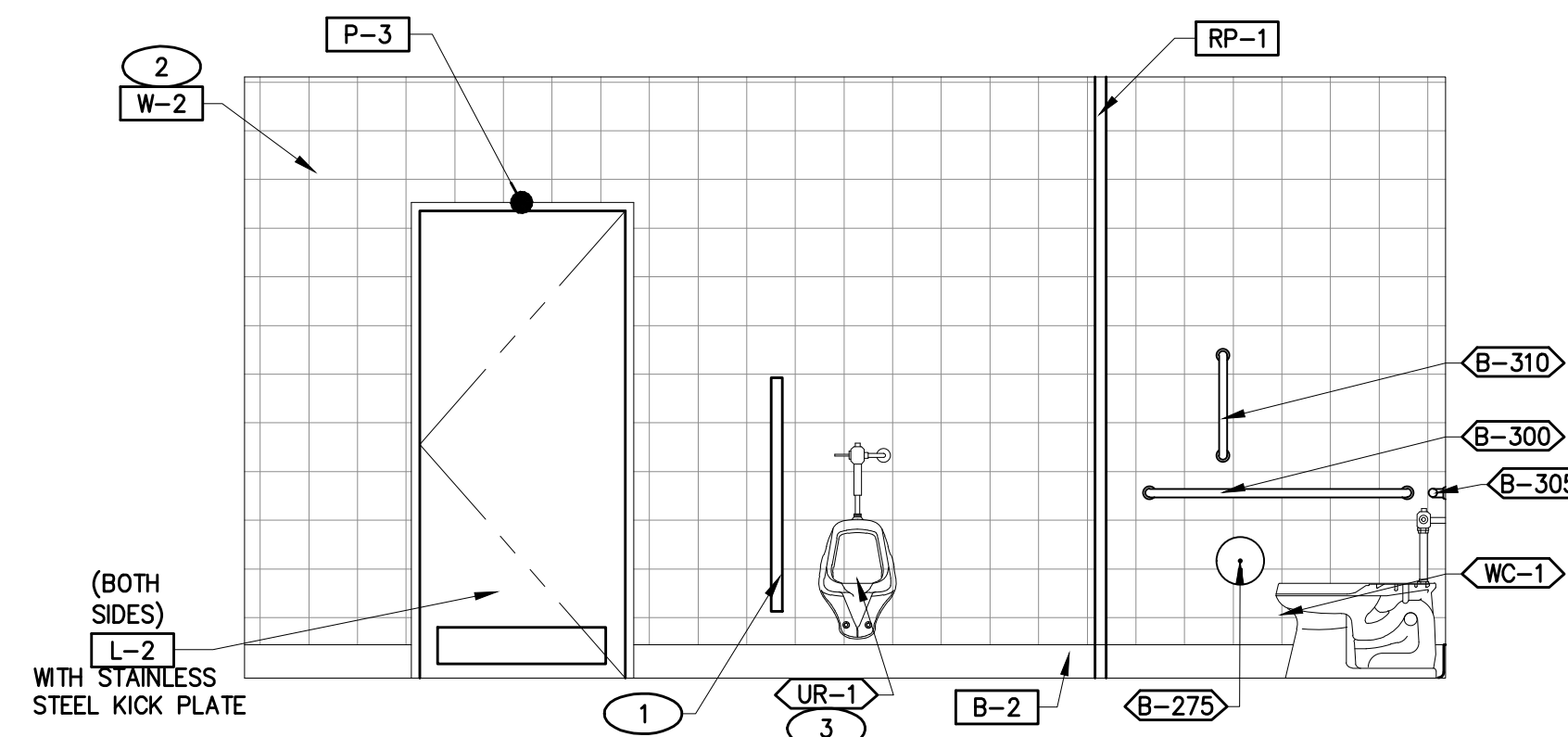
WOMEN'S RESTROOM 3/8" = 1'-0" 2



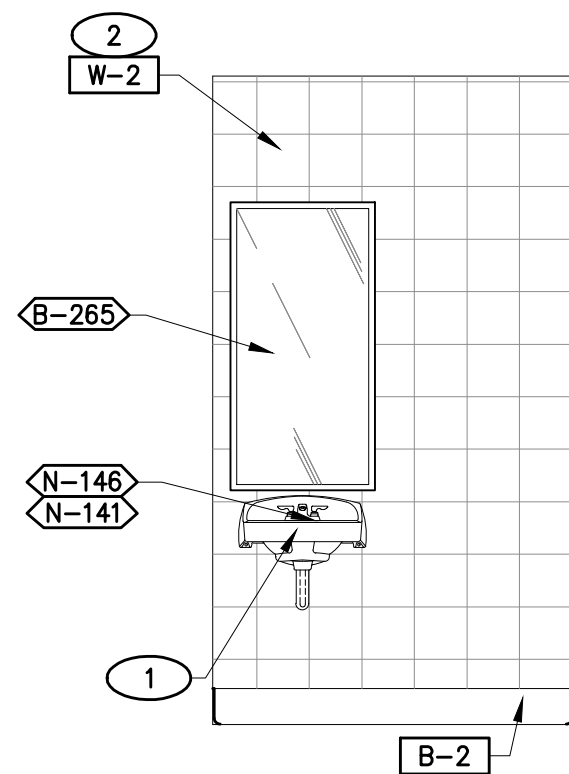
WOMEN'S RESTROOM 3/8" = 1'-0" 1



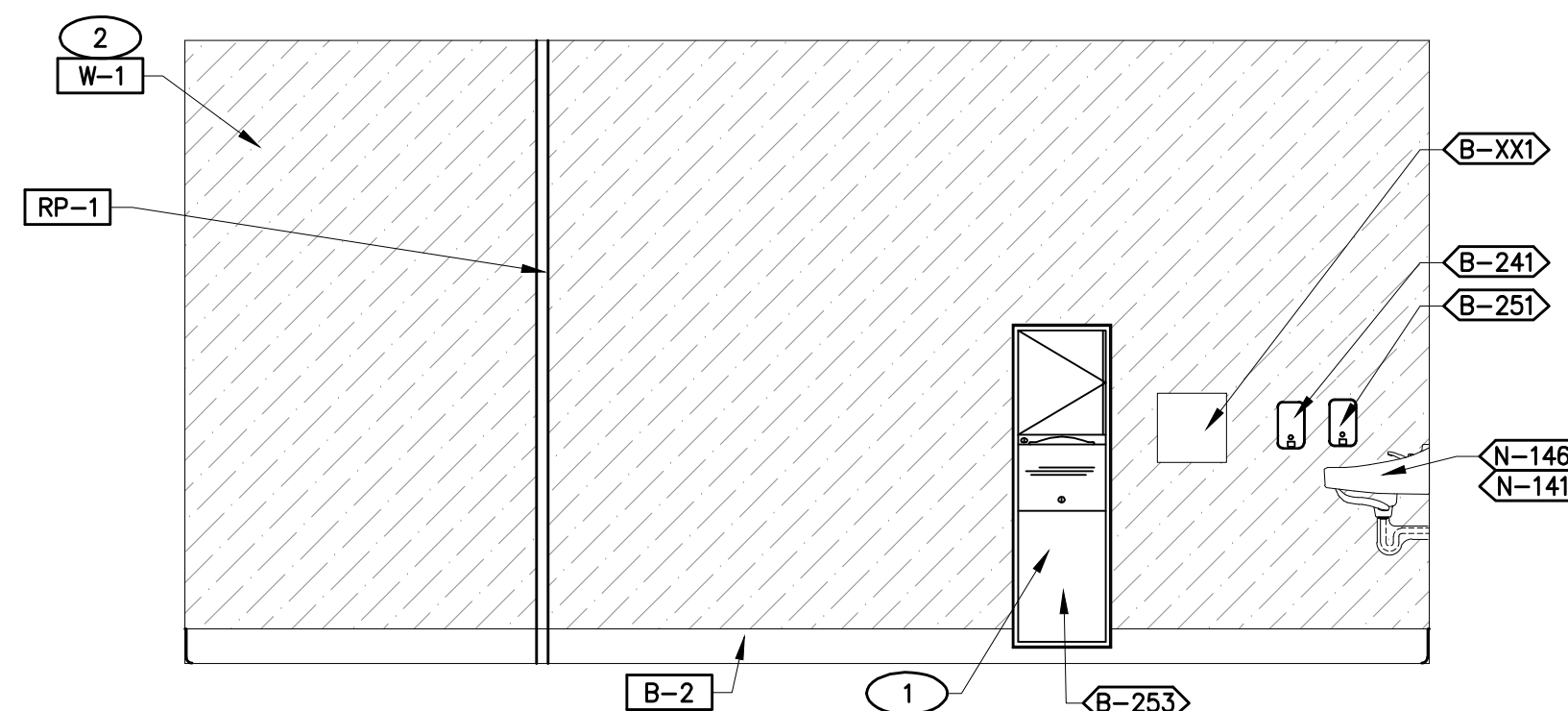
MEN'S RESTROOM 3/8" = 1'-0" 6



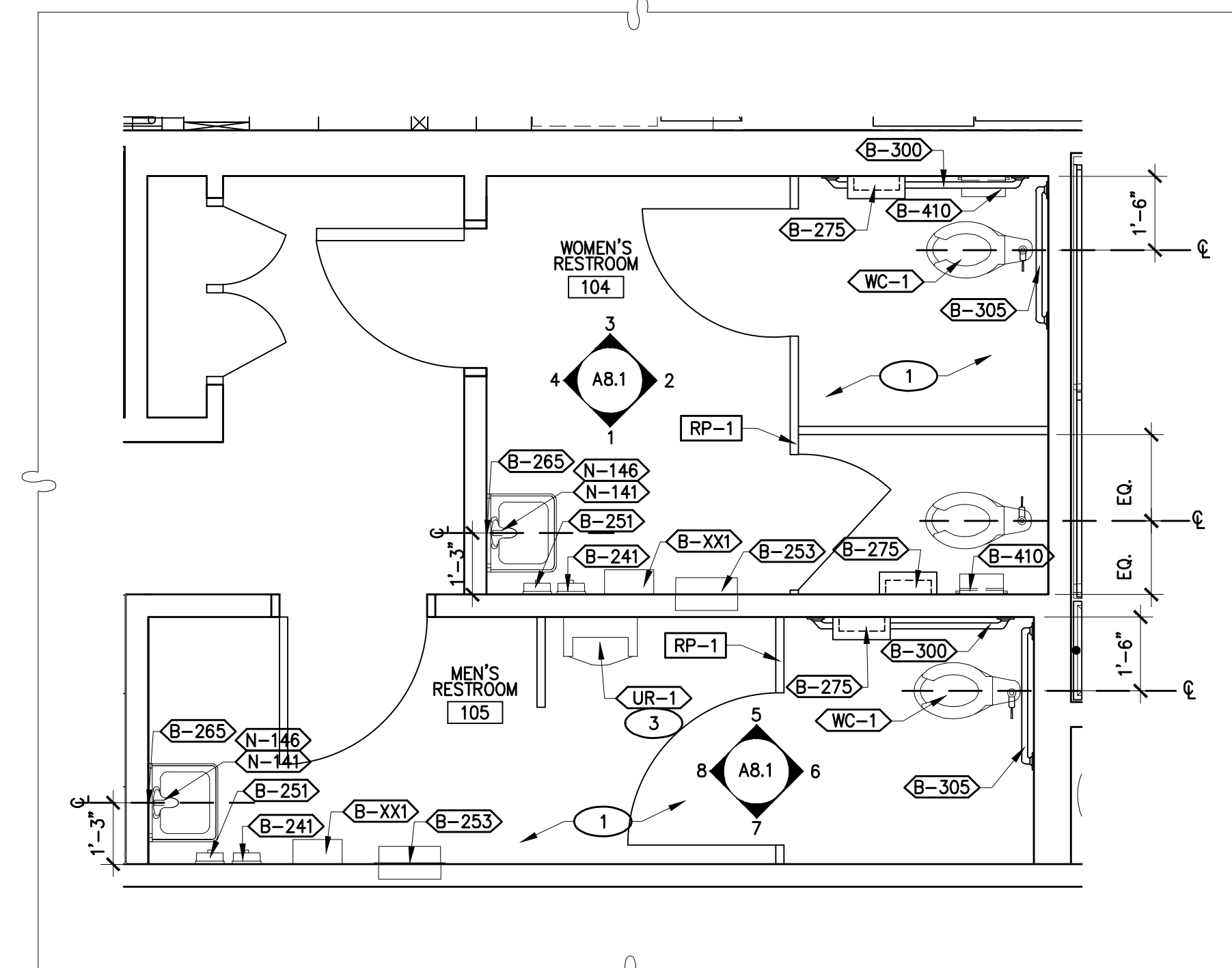
MEN'S RESTROOM 3/8" = 1'-0" 5



MEN'S RESTROOM 3/8" = 1'-0" 8



MEN'S RESTROOM 3/8" = 1'-0" 7



ENLARGED RESTROOM FLOOR PLAN 3/8" = 1'-0" A

- 1 NEW RESTROOM FIXTURES AND ACCESSORIES TO BE PROVIDED BY GC.
- 2 NEW WALL TILE
- 3 EXISTING URINAL TO BE REUSED.

KEYNOTES

1. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
2. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
3. REFER TO FLOOR PLAN NOTES ON SHEET A1.0 FOR BLOCKING AND SUBSTRATE NOTES.
4. LOCATE FLUSH HANDLE ON WIDE SIDE OF STALL.
5. REFER TO ACCESSIBILITY CODES FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
6. ALL DIMENSIONS ON THIS DRAWING ARE TO FINISH SURFACE.

GENERAL NOTES

EQ #	QUANTITY	DESCRIPTION	MFR & MODEL NO.
B-XX1	2	HAND DRYER	
B-265	2	MIRROR, 18 X 36	BOBRICK #B-165-1836
B-275	3	TOILET PAPER DISPENSER	BOBRICK #B-2890
B-241	2	SOAP DISPENSER (WALL MOUNT)	KAY 3741
B-253	2	PAPER TOWEL DISPENSER/THRASH 12 GAL	BOBRICK #B-3944
B-300	2	GRAB BAR 1-1/2 DIA. X 48 S.S. FIN.	BOBRICK #B6806X36
B-305	2	GRAB BAR 1-1/2 DIA. X 32 S.S. FIN.	BOBRICK #B6806X42
B-310	2	GRAB BAR VERTICAL 1-1/2 DIA. X 18 S.S. FIN.	BOBRICK #B6806X18
B-410	2	SANITARY NAPKIN RECEPTACLE	RUBBERMAID #6140
N-141	2	WALL MOUNTED LAVATORY	AMERICAN STANDARDS BRAND
N-146	2	FAUCET (RESTROOMS)	T&S FAUCET B-0831-WA
UR-1	1	WHITE HIGH EFFICIENCY URINAL, TOP SPUD/EXISTING TO REMAIN.	KOHLER COMPANY
WC-1	3	WHITE VITREOUS CHINA FLOOR MOUNTED FLUSHMETER TANK TOILET WITH ACCESSORIES - ADA COMPLIANT	KOHLER COMPANY

RESTROOM FIXTURE SCHEDULE

I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge. I am a duly licensed architect under the laws of the state of Iowa.

Steven T. Wise Date

License number ARC07896
 Renewal date June 30, 2023
 All pages and sheets are covered by this seal.

21678R21003

CONTRACT DATE: 01.18.2022
 BUILDING TYPE: TYPE T-K
 PLAN VERSION:
 BRAND DESIGNER:
 SITE NUMBER:
 STORE NUMBER: 37478

TACO BELL
 320 11th St. SW Plaza
 Spencer, IA 51301

**SUCCESSOR
 PROTOTYPE
 ENLARGED
 RESTROOM
 FLOOR PLAN &
 ELEVATIONS**

A8.1

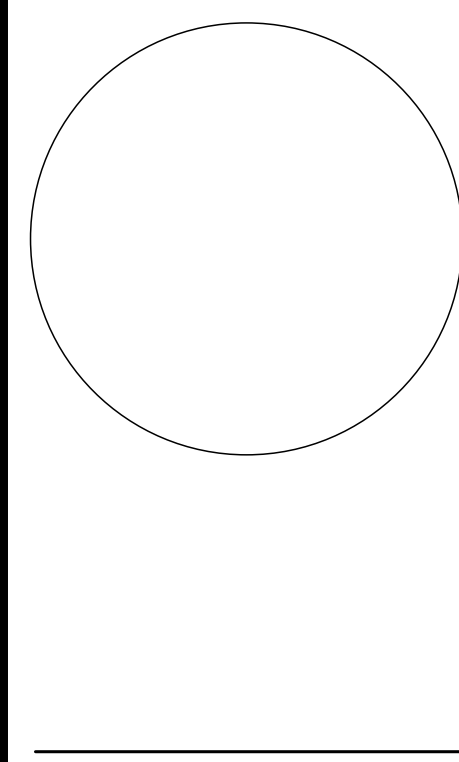
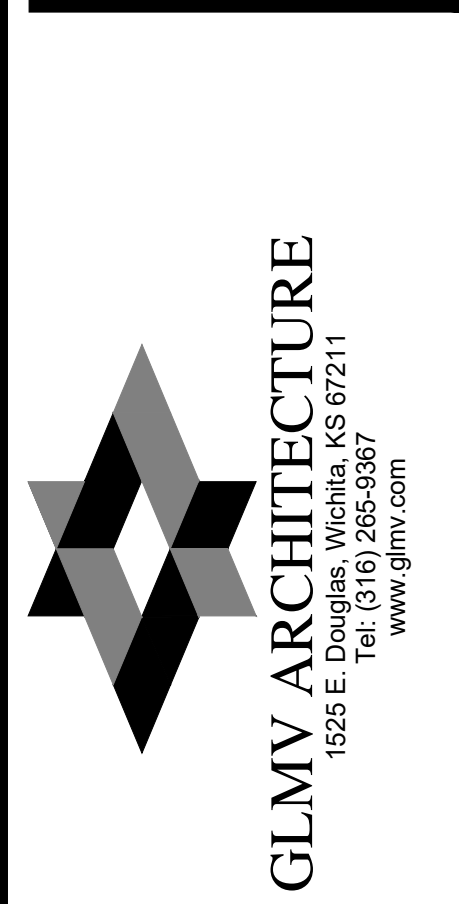
MECHANICAL / PLUMBING SPECIFICATIONS

- 1. GENERAL PROVISIONS:
A. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, NECESSARY FOR THE COMPLETE INSTALLATION OF THE PLUMBING AND MECHANICAL SYSTEMS OUTLINED.
B. OBTAIN ALL PERMITS, FEES, LICENSES, INSPECTIONS, AND CERTIFICATES OF COMPLIANCE OR APPROVAL AS REQUIRED BY THE AUTHORITIES.
C. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS OF THE GOVERNMENTAL BODIES HAVING JURISDICTION OVER THE SITE.
D. ALL TESTING REQUIRED BY AUTHORITIES SHALL BE CONSIDERED PART OF THIS WORK.
E. DURING CONSTRUCTION, ALL FIXTURES, EQUIPMENT, PIPE, DUCT, ETC. SHALL BE COVERED, PLUGGED, OR CAPPED AS REQUIRED TO KEEP CLEAN AND UNDAUNAGED. ALL DAMAGED ITEMS SHALL BE RESTORED TO ORIGINAL CONDITION OR REPLACED. ALL PROTECTIVE COVERINGS SHALL BE REMOVED BEFORE FINAL ACCEPTANCE.
F. PROVIDE ALL NECESSARY CUTTING AND PATCHING OF WALLS, FLOORS, CEILINGS, AND ROOFS AS NECESSARY. PATCH AROUND ALL OPENINGS SHALL MATCH ADJACENT AREA. COORDINATE ALL ROOFING WORK WITH OWNER OR RESPONSIBLE PARTY, SO THAT THE EXISTING ROOFING WARRANTY WILL BE MAINTAINED.
G. CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS AGAINST DEFECTS FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE.
2. OPERATION AND MAINTENANCE MANUALS:
A. DURING THE COURSE OF CONSTRUCTION, COLLECT AND COMPILE OPERATING INSTRUCTIONS, WIRING DIAGRAMS, CATALOG CUTS, LUBRICATION AND PREVENTIVE MAINTENANCE INSTRUCTIONS, PARTS LISTS, ETC. FOR ALL EQUIPMENT FURNISHED UNDER THIS CONTRACT.
B. ALL LITERATURE AND INSTRUCTIONS SHIPPED WITH THE EQUIPMENT SHALL BE SAVED FOR INCLUSION IN THE OPERATION AND MAINTENANCE MANUALS.
C. ALL LITERATURE LISTED ABOVE AND ALL PAPERS LISTING WARRANTIES, ETC. SHALL BE BOUND IN A 3-RING BINDER AND LABELED WITH THE PROJECT NAME, ADDRESS, ARCHITECT, ENGINEER, CONTRACTORS, ETC.
3. MANUFACTURERS:
A. MANUFACTURERS, MODEL NUMBERS, ETC. INDICATED OR SCHEDULED ON THE DRAWINGS SHALL BE INTERPRETED AS HAVING ESTABLISHED A STANDARD OF QUALITY AND SHALL NOT BE CONSIDERED AS LIMITING COMPETITION. ARTICLES, FIXTURES, ETC. OF EQUAL QUALITY BY MANUFACTURERS SHALL BE ACCEPTABLE, SUBJECT TO STRUCTURAL AND ELECTRICAL CONSTRAINTS OF THE PROJECT DESIGN, UNLESS NOTED OTHERWISE.
4. TESTING, BALANCING, AND CLEANING:
A. ALL PIPING SHALL BE TESTED FOR LEAKS BEFORE BEING CONCEALED IN WALL CONSTRUCTION OR COVERED WITH INSULATION.
B. SEWER AND VENT PIPING SHALL BE HYDROSTATICALLY TESTED WITH NO LESS THAN 10 FEET OF HEAD FOR A PERIOD OF NOT LESS THAN 15 MINUTES, PER THE LOCAL PLUMBING CODE, WITH NO LEAKS.
D. DOMESTIC WATER PIPING SHALL BE HYDROSTATICALLY TESTED AT A PRESSURE OF NOT LESS THAN 1-1/2 TIMES THE OPERATING PRESSURE, BUT NOT LESS THAN 60 PSI, FOR A PERIOD OF NOT LESS THAN 2 HOURS, WITH NO LEAKS.
E. BEFORE DOMESTIC WATER PIPING IS PLACED IN SERVICE, ALL DOMESTIC WATER DISTRIBUTION SYSTEMS, INCLUDING THOSE FOR COLD WATER AND HOT WATER SYSTEMS, SHALL BE FLUSHED, STERILIZED AND CHLORINATED IN ACCORDANCE WITH HEALTH DEPARTMENT REGULATIONS. THE SYSTEMS SHALL BE THOROUGHLY FLUSHED OF ALL DIRT AND FOREIGN MATTER, THEN FILLED WITH WATER TREATED WITH 50 PPM OF CHLORINE. DURING THE FILLING PROCESS, VALVES AND FAUCETS SHALL BE OPENED SEVERAL TIMES TO ASSURE TREATMENT OF THE ENTIRE SYSTEM. THE TREATED WATER SHALL BE LEFT IN THE SYSTEM FOR 24 HOURS AFTER WHICH TIME THE SYSTEM SHALL BE FLUSHED. IF THE RESIDUAL CHLORINE IS NOT LESS THAN 10 PPM, THE FLUSHING SHALL BE REPEATED. AFTER STERILIZATION, SAMPLES OF WATER IN THE SYSTEM SHALL BE APPROVED BY THE BOARD OF HEALTH.
5. PLUMBING:
A. PROVIDE AN APPROVED WATER HAMMER ARRESTOR FOR EACH PLUMBING FIXTURE SUPPLY AS REQUIRED BY FIXTURE MANUFACTURER.
B. ALL EXPOSED WASTE PIPE SHALL BE CHROME PLATED BRASS PIPE, NO FERROUS PIPE.
C. PROVIDE CLEANOUTS AT EACH CHANGE OF DIRECTION AND AT 100 FOOT INTERVALS IN STRAIGHT RUNS.
D. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND TRAPS.
E. CLEANOUTS:
1) VINYL TILE FLOOR: JR SMITH #4140, OR EQUAL.
2) QUARRY TILE FLOOR: JR SMITH #4200, OR EQUAL.
3) CARPETTED FLOOR: JR SMITH #4020, OR EQUAL.
4) UNFINISHED FLOOR: JR SMITH #4020, OR EQUAL.
5) WALL: JR SMITH #4472, OR EQUAL, 24" ABOVE THE FLOOR.
F. PROVIDE DIELECTRIC UNIONS WITH APPROPRIATE END CONNECTIONS TO MATCH THE PIPE SYSTEM IN WHICH INSTALLED (SCREWED, SOLDERED, OR FLANGED). PROVIDE DIELECTRIC UNIONS ON ALL PIPING CONNECTIONS TO HOT WATER HEATERS AND EXPANSION TANKS.
6. ALL SEWER PIPING LOCATED INSIDE THE BUILDING SHALL BE INSTALLED WITH THE FOLLOWING SLOPES:
1) INSTALL 2-1/2" AND SMALLER PIPE AT 1/4" PER FOOT FALL.
2) INSTALL 3" AND LARGER PIPE AT 1/8" PER FOOT FALL.
3) INSTALL ALL GREASE WASTE PIPING AT 1/4" PER FOOT FALL.
7. PIPING:
A. DOMESTIC COLD, HOT, AND HOT WATER REGULATORING (ABOVEGROUND).
1) TYPE L HARD DRAWN COPPER TUBING, ASTM B-88.
a) WROUGHT COPPER SOLDERED FITTINGS, ASTM B75 ALLOY C12200, ANSI B16.22, MSS SP-104.
b) MECHANICAL PRESS COPPER FITTINGS FOR USE IN PLUMBING OR MECHANICAL APPLICATIONS, ASME B16.22, ASME B16.51, OR ASME B16.19. MECHANICAL PRESS COPPER FITTINGS SHALL CONFORM TO ASTM A192 OR ASME B16.51.
2) VALVES
a) TO BE INSTALLED ON THE FIXTURE SUPPLY TO EACH PLUMBING FIXTURE.
b) TO BE INSTALLED ON THE WATER SUPPLY SIDE TO EACH APPLIANCE OR MECHANICAL EQUIPMENT.
c) TYPES:
1. GATE VALVE: JOMAR T/S-3019 OR EQUAL. LEAD-FREE NSF 61, ANSI B1.20.1.
2. GLOBE VALVE: JOMAR T65 OR EQUAL.
3. BALL VALVE: JOMAR T100 OR EQUAL. COMPACT LEAD FREE BRASS BALL VALVE. UL842, CSA 337-11-12 & 337-11-42, FM, CALIFORNIA CODE AB1953, NSF61 ANNEX G APPROVED.
4. BALL VALVE: JOMAR T-100NE OR EQUAL. UL842, FM, CSA, NSF 61-S, MSS SP-110
B. LEAD CONTENT OF WATER SUPPLY PIPE AND FITTINGS:
1) PIPE AND PIPE FITTINGS, INCLUDING VALVES AND FAUCETS, UTILIZED IN THE WATER SUPPLY SYSTEM SHALL NOT HAVE MORE THAN 0% LEAD CONTENT.
2) PIPE, PIPE FITTINGS, JOINTS, VALVES, FAUCETS, AND FIXTURE FITINGS UTILIZED TO SUPPLY WATER FOR DRINKING OR COOKING PURPOSES SHALL COMPLY WITH NSF 312 AND SHALL HAVE A WEIGHTED AVERAGE LEAD CONTENT OF 0.25% OR LESS.
C. SANITARY SEWER AND VENTS (UNDER GROUND, INTERIOR TO THE BUILDING).
1) ABS SCHEDULE 40 CELLULAR CORE (FOAM CORE) PIPE AND DWN FITTING SYSTEM (ASTM F1488) PIPE AND FITTINGS SHALL BE MANUFACTURED FROM ABS COMPOUND WITH A CELL CLASS OF 42222 FOR PIPE AND 32222 FOR FITTINGS AS PER ASTM D 3965 AND CONFORM WITH NATIONAL SANITATION FOUNDATION (NSF) STANDARD 14. PIPE SHALL BE IRON PIPE SIZE (IPS) CONFORMING TO ASTM F 625 FITTINGS SHALL CONFORM TO ASTM D 2661. SOLVENT CEMENTS SHALL CONFORM TO ASTM D 2235.
2) PVC SCHEDULE 40 CELLULAR CORE (FOAM CORE) PIPE AND DWN FITTING SYSTEM (ASTM F1488) PIPE AND FITTINGS SHALL BE MANUFACTURED FROM PVC COMPOUND WITH A CELL CLASS OF 11432 PER ASTM D 4036 FOR PIPE AND 1264 PER ASTM D 1734 FOR FITTINGS AND CONFORM WITH NATIONAL SANITATION FOUNDATION (NSF) STANDARD 14. PIPE SHALL BE IRON PIPE SIZE (IPS) CONFORMING TO ASTM F 841. INJECTION MOLDED FITTINGS SHALL CONFORM TO ASTM D 2665. FABRICATED FITTINGS SHALL CONFORM TO ASTM F 1866. SOLVENT CEMENTS SHALL CONFORM TO ASTM D 2564.
3) PVC SCHEDULE 40 SOLID WALL PIPE AND DWN FITTING SYSTEM (ASTM D 2665) PIPE AND FITTINGS SHALL BE MANUFACTURED FROM PVC COMPOUND WITH A CELL CLASS OF 12454 PER ASTM D 1784 AND CONFORM WITH NATIONAL SANITATION FOUNDATION (NSF) STANDARD 14. PIPE SHALL BE IRON PIPE SIZE (IPS) CONFORMING TO ASTM F 1866. SOLVENT CEMENTS SHALL CONFORM TO ASTM D 2564. (WHERE APPROVED BY LOCAL JURISDICTIONS)
4) HUBLESS CAST IRON SOIL PIPE AND FITTINGS: HUBLESS CAST IRON PIPE AND FITTINGS SHALL BE MANUFACTURED FROM GRAY CAST IRON AND SHALL CONFORM TO ASTM A 888 AND GSP1 STANDARD 301. HUBLESS COUPLINGS SHALL CONFORM TO GSP1 STANDARD 310 AND BE CERTIFIED BY NSF61 INTERNATIONAL.
5) HUB AND SPIGOT CAST IRON SOIL PIPE AND FITTINGS: HUB AND SPIGOT CAST IRON PIPE AND FITTINGS SHALL BE MANUFACTURED FROM GRAY CAST IRON AND SHALL CONFORM TO ASTM A 74.
D. SANITARY SEWER, GREASE WASTE AND VENTS (ABOVE GROUND, INTERIOR TO THE BUILDING).
1) ABS SCHEDULE 40 CELLULAR CORE (FOAM CORE) PIPE AND DWN FITTING SYSTEM (ASTM F1488) PIPE AND FITTINGS SHALL BE MANUFACTURED FROM ABS COMPOUND WITH A CELL CLASS OF 42222 FOR PIPE AND 32222 FOR FITTINGS AS PER ASTM D 3965 AND CONFORM WITH NATIONAL SANITATION FOUNDATION (NSF) STANDARD 14. PIPE SHALL BE IRON PIPE SIZE (IPS) CONFORMING TO ASTM F 625 FITTINGS SHALL CONFORM TO ASTM D 2661. SOLVENT CEMENTS SHALL CONFORM TO ASTM D 2235.
2) PVC SCHEDULE 40 CELLULAR CORE (FOAM CORE) PIPE AND DWN FITTING SYSTEM (ASTM F1488) PIPE AND FITTINGS SHALL BE MANUFACTURED FROM PVC COMPOUND WITH A CELL CLASS OF 11432 PER ASTM D 4036 FOR PIPE AND 1264 PER ASTM D 1734 FOR FITTINGS AND CONFORM WITH NATIONAL SANITATION FOUNDATION (NSF) STANDARD 14. PIPE SHALL BE IRON PIPE SIZE (IPS) CONFORMING TO ASTM F 841. INJECTION MOLDED FITTINGS SHALL CONFORM TO ASTM D 2665. FABRICATED FITTINGS SHALL CONFORM TO ASTM F 1866. SOLVENT CEMENTS SHALL CONFORM TO ASTM D 2564.

MECHANICAL / PLUMBING SPECIFICATIONS (CONTINUED)

- 3) PVC SCHEDULE 40 SOLID WALL PIPE AND DWN FITTING SYSTEM (ASTM D 2665) PIPE AND FITTINGS SHALL BE MANUFACTURED FROM PVC COMPOUND WITH A CELL CLASS OF 12454 PER ASTM D 1784 AND CONFORM WITH NATIONAL SANITATION FOUNDATION (NSF) STANDARD 14. PIPE SHALL BE IRON PIPE SIZE (IPS) CONFORMING TO ASTM D 1788 AND ASTM D 2665. INJECTION MOLDED FITTINGS SHALL CONFORM TO ASTM D 2665. FABRICATED FITTINGS SHALL CONFORM TO ASTM F 1866. SOLVENT CEMENTS SHALL CONFORM TO ASTM D 2564. (WHERE APPROVED BY LOCAL JURISDICTIONS)
4) HUBLESS CAST IRON SOIL PIPE AND FITTINGS: HUBLESS CAST IRON PIPE AND FITTINGS SHALL BE MANUFACTURED FROM GRAY CAST IRON AND SHALL CONFORM TO ASTM A 888 AND GSP1 STANDARD 301. HUBLESS COUPLINGS SHALL CONFORM TO GSP1 STANDARD 310 AND BE CERTIFIED BY NSF61 INTERNATIONAL.
5) HUB AND SPIGOT CAST IRON SOIL PIPE AND FITTINGS: HUB AND SPIGOT CAST IRON PIPE AND FITTINGS SHALL BE MANUFACTURED FROM GRAY CAST IRON AND SHALL CONFORM TO ASTM A 74.
E. CONDENSATE DRAINS & INDIRECT WASTE (ABOVEGROUND).
1) DWN, WROUGHT COPPER, ANSI B-16.29 (CONDENSATE INSIDE BUILDING).
2) POLYVINYLCHLORIDE (PVC) DWN PIPE, SCHEDULE 40, SOLVENT JOINT (INDIRECT WASTE).
F. ALL PIPE HANGERS AND SUPPORTS SHALL BE STANDARD PRODUCTS OF GRINNELL, FEE AND MASON, OR ELGEN. HANGER SPACING SHALL BE IN ACCORDANCE WITH MSS-SP-68.
6. SLEEVES
1) PROVIDE, SET, AND PROPERLY LOCATE PIPE SLEEVES AS REQUIRED FOR THIS WORK. ALL SLEEVES SHALL BE OF SUFFICIENT SIZE TO PERMIT PIPE MOVEMENT DUE TO EXPANSION AND CONTRACTION AND TO ACCOMMODATE PIPE INSULATION.
2) INTERIOR PARTITIONS: 16 GAUGE GALVANIZED STEEL, PACK BETWEEN PIPE AND SLEEVE WITH FIRE SAFING AND CAULK AT EACH END WITH FIRE RESISTANT SEALANT.
3) ROOF: PROSET OR EQUAL, MANUFACTURED PVC SCHEDULE 40 PIPE SLEEVE WITH WATERPROOF SEAL. COORDINATE WITH ROOFING CONTRACTOR AND FLASH AS REQUIRED TO MAINTAIN ROOF WARRANTY.
4) PROTECTION AGAINST CONTACT: METALLIC PIPING, EXCEPT FOR CAST IRON, DUCTILE IRON AND GALVANIZED STEEL SHALL NOT BE PLACED IN DIRECT CONTACT WITH STEEL FRAMING MEMBERS, CONCRETE, OR OTHER WALLS AND FLOORS OR OTHER MASONRY. METALLIC PIPING SHALL NOT BE PLACED IN DIRECT CONTACT WITH CORROSIVE SOIL. SHEATHING USED TO PREVENT DIRECT CONTACT SHALL HAVE A THICKNESS OF GREATER THAN .005. AND THE SHEATHING SHALL BE MADE OF PLASTIC. ANY PIPE THAT PASSES THROUGH A FOUNDATION WALL OR FOOTING SHALL BE PROVIDED WITH A RELIEVING ARCH, OR A PIPE SLEEVE SHALL BE BUILT INTO THE FOUNDATION WALL. THE SLEEVE SHALL BE TWO TIMES GREATER THAN THE PIPE PASSING THROUGH THE WALL OR FOOTING.
5) PLUMBING VENTS: FLASH ROOF VENT INTO ROOFING SYSTEM AS REQUIRED BY THE ROOFING CONTRACTOR TO MAINTAIN EXISTING ROOF WARRANTY. ALL PLUMBING VENT TERMINALS SHALL TERMINATE A MINIMUM OF 12" ABOVE ROOF OR EQUAL TO HEIGHT OF PARAPET, WHICHEVER IS GREATER.
H. PROVIDE CHROME PLATED ESCUTCHEONS ON ALL PIPE ENTERING FINISHED AREAS.
7. INSULATION:
A. ALL INSULATIONS AND ACCESSORIES SHALL HAVE A FIRE HAZARD CLASSIFICATION WITH A FLAME SPREAD RATING OF NOT OVER 25, A FUEL CONTRIBUTION RATING OF NOT OVER 50, AND A SMOKE DEVELOPED RATING OF NOT OVER 50, IN ACCORDANCE WITH NFPA.
B. PIPE INSULATION - ABOVE GRADE:
1) THE PIPING INSULATION USED SHALL HAVE A THERMAL CONDUCTIVITY OF 0.2 BTU PER IN/HR*SQFT*FT OR LESS.
2) FIBERGLASS INSULATION WITH FACTORY APPLIED VAPOR BARRIER, ASJ JACKET, FACTORY APPLIED PRESSURE SEALING LONGITUDE LAP JOINT, NO STAPLES, ZESTON PREMOULDED PVC FITTING COVERS. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
3) FLEXIBLE CLOSED CELL ELASTOMERIC THERMAL INSULATION, UNSLIT OR PRESLIT WITH PRESSURE SENSITIVE ADHESIVE SYSTEM FOR GLOSURE AND VAPOR SEALING, EQUAL TO ARMAFLEX AP ARMAFLEX OR ARMAFLEX 2000.
4) FOR NON CIRCULATING SYSTEMS, THE FIRST 3 FEET OF INLET AND OUTLET PIPING BETWEEN THE TANK AND THE HEAT TRAP (INCLUDING THE HEAT TRAP) MUST BE INSULATED.
5) FOR CIRCULATING SYSTEMS, ALL HOT WATER PIPING IN THE CIRCULATION LOOP MUST BE INSULATED AS SPECIFIED BELOW:
6) INSULATION SCHEDULE:
a) DOMESTIC COLD WATER 1/2"
b) DOMESTIC HOT WATER 1" FOR PIPING UP TO 1-1/4"Ø, & 1-1/2" FOR PIPING 1-1/2"Ø AND LARGER
c) HOT WATER REGULATORING 1"
d) CONDENSATE DRAINS INSIDE BUILDING 1/2"
C. DUCTWORK: THERMAL INSULATION.
1) DUCT COVERING: 3/4 LB/CF, FIBERGLASS BLANKET WITH FACTORY APPLIED VAPOR BARRIER AND FACING, THICKNESS AS SCHEDULED, INSTALLATION IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
a) DUCT COVERING SCHEDULE: MINIMUM R-6
(1) ROUND SUPPLY DUCT 2"
(2) RECTANGULAR SUPPLY DUCT 2"
(3) RETURN AIR DUCT 2"
6. FLEXIBLE DUCT:
A. ATCO 4086 (R-6), OR EQUAL.
B. FACTORY APPLIED INSULATION AND VAPOR BARRIER, 1-1/2" THICK.
C. MAXIMUM LENGTH OF 5'-0".
B. PROVIDE MANUFACTURER'S STANDARD ACCESSORY ITEMS INCLUDING BIRD PROOF TOP, STORM COLLAR, ROOF THIMBLE, ETC. AS REQUIRED FOR A COMPLETE INSTALLATION. ROOF THIMBLES THROUGH THE BUILDING ROOF SHALL BE SUITABLE FOR USE WITH THE ROOF PROVIDED.
9. REMODELING WORK:
A. DEMOLITION, DISCONNECT, DEMOLISH, REMOVE AND ABANDONED MECHANICAL MATERIALS AND EQUIPMENT INDICATED TO BE REMOVED AND NOT INDICATED TO BE SALVAGED OR REPAIR.
B. EQUIPMENT TO BE SALVAGED:
1) DISCONNECT AND REMOVE, EXISTING MECHANICAL EQUIPMENT INDICATED TO BE REMOVED AND SALVAGED. DELIVER EQUIPMENT TO THE LOCATION DESIGNATED BY THE OWNER FOR STORAGE.
2) ALL MATERIALS AND EQUIPMENT DESIGNATED TO BE REMOVED OR RELOCATED SHALL BE CAREFULLY REMOVED, AND STORED UNTIL NEEDED FOR REMODELING WORK. ALL ITEMS SHALL BE RESTORED TO LIKE NEW CONDITION WITH RUST OR CORROSION REMOVED, SURFACE PAINT TOUCHED UP OR REPAINTED AS REQUIRED TO MATCH NEW CONSTRUCTION, AND THOROUGHLY CLEANED AND INSPECTED. ANY ITEMS WHICH BECOME DAMAGED BEYOND REPAIR AS A RESULT OF CONSTRUCTION OR DEMOLITION ACTIVITY SHALL BE REPLACED WITH NEW MATERIAL EQUIVALENT IN EVERY RESPECT.
C. DISPOSAL AND CLEANUP: REMOVE FROM THE SITE AND LEGALLY DISPOSE OF DEMOLISHED MATERIALS AND EQUIPMENT NOT INDICATED TO BE SALVAGED.
D. PROTECT ADJACENT MATERIALS INDICATED TO REMAIN. INSTALL AND MAINTAIN DUST AND NOISE BARRIERS TO KEEP DIRT, DUST, AND NOISE FROM BEING TRANSMITTED TO ADJACENT AREAS. REMOVE PROTECTION AND BARRIERS AFTER REMODELING OPERATIONS ARE COMPLETE.
E. LOCATE, IDENTIFY, AND PROTECT MECHANICAL SERVICES PASSING THROUGH REMODELING AREA AND SERVING OTHER AREAS OUTSIDE THE REMODELING LIMITS. MAINTAIN SERVICES TO AREAS OUTSIDE REMODELING LIMITS. WHERE MECHANICAL SERVICES ARE LOCATED IN A WALL, ETC. TO BE DEMOLISHED, RESERVE PIPING TO NEW OR EXISTING CONSTRUCTION TO MAINTAIN CONTINUITY OF THE SYSTEM. WHEN SERVICES MUST BE INTERRUPTED, INSTALL TEMPORARY SERVICES FOR AFFECTED AREAS.
F. REMOVE ALL PIPING TO BE DEMOLISHED BACK TO PIPE MAIN OR EDGE OF PROJECT AREA, AND CAP PIPE.
G. PIPING AND DUCTS EMBEDDED IN FLOORS, WALLS, AND CEILINGS MAY REMAIN IF SUCH MATERIALS DO NOT INTERFERE WITH NEW INSTALLATIONS. PIPING AND DUCTS TO REMAIN SHALL BE APPROVED BY THE ARCHITECT. REMOVE MATERIALS ABOVE ACCESSIBLE CEILINGS, DRAIN AND CAP PIPING AND DUCTS ALLOWED TO REMAIN ABOVE CEILING OR BELOW FLOOR, CONCEALED FROM VIEW, EXCEPT AS OTHERWISE NOTED. PATCH FLOOR TO MATCH EXISTING.
H. PIPE AND DUCT SHALL BE CONCEALED WITH NEW OR EXISTING CONSTRUCTION WHENEVER POSSIBLE, UNLESS INDICATED OTHERWISE.

BC PROJECT #: 211020
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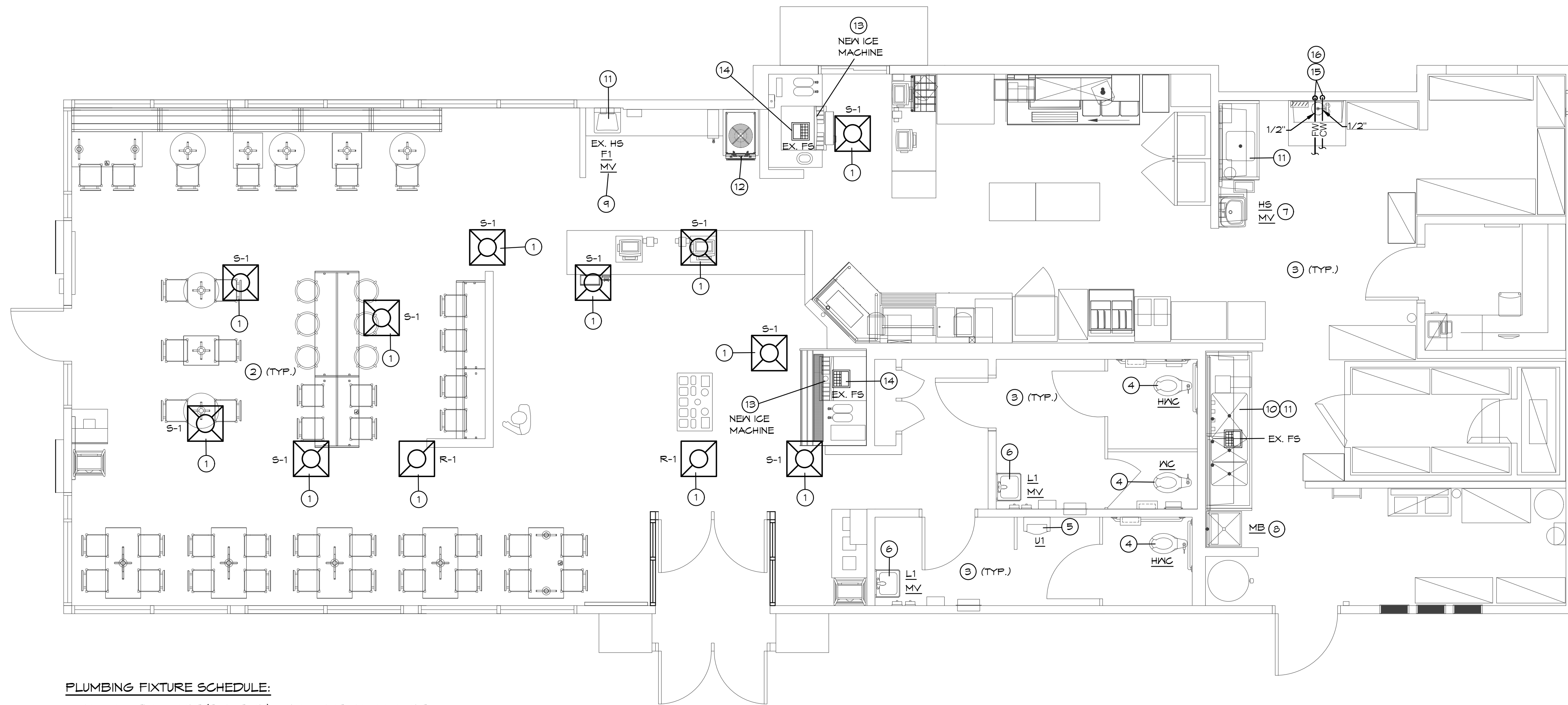


Not For Construction

Table with 2 columns: Contract Date (01.18.2022), Building Type (TYPE T-K), Plan Version (-), Brand Designer (-), Site Number (-----), Store Number (37478)

TACO BELL
320 11th St. SW Plaza
Spencer, IA 51301

SUCCESSOR PROTOTYPE
MECHANICAL & PLUMBING SPECIFICATION
MPO.0
DS



MECHANICAL & PLUMBING GENERAL NOTES:

1. INSTALL ALL PIPE, DUCTS, ETC. AS HIGH AS POSSIBLE.
2. COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS AS REQUIRED TO PROPERLY INSTALL ALL SYSTEMS AS INTENDED, WITHIN THE CONFINES OF THE SPACES AVAILABLE, AND WITHOUT INTERFERENCES.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF FIXTURES.
4. REFER TO ARCHITECTURAL & STRUCTURAL DRAWINGS FOR REQUIREMENTS FOR SUPPORTING PIPING, EQUIPMENT, ETC. FROM THE STRUCTURE. PROVIDE ADDITIONAL STEEL AS REQUIRED TO PROPERLY SUPPORT SYSTEMS FROM THE STRUCTURE.
5. SAWCUT EXISTING FLOOR AS REQUIRED FOR INSTALLATION OF UNDERFLOOR PIPING. PATCH FLOOR TO MATCH EXISTING.
6. NO PIPING AND DUCT SHALL BE ROUTED OVER THE TOP OF ELECTRICAL PANELS.

MECHANICAL / PLUMBING PLAN NOTES:

1. REPLACE EXISTING DIFFUSERS AND GRILLES IN FRONT OF HOUSE. TYPE AND QUANTITY TO MATCH EXISTING. PROVIDE ADDITIONAL FLEX DUCT AS REQUIRED. MEASURE AIR FLOWS PRIOR TO BEGINNING OF ANY WORK. THIS CONTRACTOR'S RESPONSIBILITY TO RE-BALANCE SYSTEM TO MATCH PREVIOUSLY MEASURED AIR FLOWS.
2. CLEAN ALL EXISTING SUPPLY RETURN DUCTWORK. VERIFY EXACT LOCATION AND ROUTING OF EXISTING DUCTWORK IN FIELD.
3. SUPPLY DIFFUSERS, RETURN GRILLES AND EXHAUST GRILLES IN BACK OF THE HOUSE & RESTROOMS ARE EXISTING TO REMAIN. CLEAN EXISTING DIFFUSERS & GRILLES AND REPAIR AS REQUIRED TO RETURN TO LIKE NEW CONDITION. REPORT ANY DISCREPANCIES TO ARCHITECT.
4. REPLACE EXISTING WATER CLOSET IN RESTROOM WITH NEW FLOOR MOUNTED TANK TYPE WATER CLOSET IN SAME LOCATION. RECONNECT TO EXISTING WASTE, VENT AND WATER LINE.
5. REPLACE EXISTING URINAL IN MENS RESTROOM WITH NEW URINAL IN SAME LOCATION. RECONNECT TO EXISTING WASTE, VENT AND WATER LINE.
6. REPLACE EXISTING LAVATORY IN RESTROOM WITH NEW WALL MOUNTED LAVATORY. REFER TO DETAIL ON SHEET MP1.2 FOR LAVATORY SUPPORT DETAIL. PROVIDE NEW FAUCETS. RECONNECT TO EXISTING WASTE, VENT AND WATER LINE. PROVIDE TEMPERING VALVE IN RESTROOM LAVATORY PER DETAIL ON SHEET MP1.2 IF NONE ARE PRESENT.
7. REPLACE EXISTING HAND SINK WITH NEW KNEE PEDAL HAND SINK. RECONNECT TO EXISTING WASTE, VENT AND WATER LINE. PROVIDE TEMPERING VALVE PER DETAIL ON SHEET MP1.2 IF NONE ARE PRESENT.
8. REPLACE EXISTING MOP BASIN WITH NEW STAINLESS STEEL MOP BASIN IN SAME LOCATION. RECONNECT TO EXISTING WASTE, VENT AND WATER LINE.
9. REPLACE EXISTING HAND SINK FAUCET WITH ELECTRONIC SENSOR TYPE FAUCET. PROVIDE TEMPERING VALVE PER DETAIL ON SHEET MP1.2, IF NONE ARE PRESENT.
10. REPLACE EXISTING WASTE PIPE FROM 3-COMPARTMENT SINK AND DISCHARGE TO EXISTING FLOOR SINK WITH AIR GAP.
11. EXISTING PLUMBING FIXTURE TO REMAIN.
12. EXTEND CO2 LINE AND FILTERED WATER LINE AND MAKE CONNECTION TO RELOCATED FROZEN BEVERAGE DISPENSER AS REQUIRED. REFER TO FILTERED WATER ISOMETRIC ON THIS SHEET AND DRINKING SYSTEM SCHEMATIC & DRINK SYSTEM DETAIL ON SHEET MP1.2 FOR MORE INFORMATION.
13. PROVIDE NEW ICE MACHINE AS PER NEW EQUIPMENT SCHEDULE. EXTEND FILTERED WATER LINE AND MAKE CONNECTION TO EXISTING 1/2" COLD WATER LINE. REFER TO FILTERED WATER ISOMETRIC DIAGRAM ON THIS SHEET AND WATER FILTRATION SCHEMATIC & WATER FILTER SYSTEM ON SHEET MP1.2 FOR FILTER WATER LINE TO ICE MACHINE.
14. EXTEND DRAIN LINE FROM RELOCATED FROZEN BEVERAGE DISPENSER AND ICE MACHINE & ROUTE TO EXISTING FLOOR SINK WITH AN AIR GAP.
15. REPLACE EXISTING REVERSE OSMOSIS SYSTEM WITH NEW REVERSE OSMOSIS SYSTEM AND CONNECT TO EXISTING 1/2" COLD WATER AND EXISTING 1/2" FILTERED. EXTEND COLD WATER LINE AND FILTERED WATER LINE AS REQUIRED TO CONNECT TO REVERSE OSMOSIS SYSTEM. PROVIDE SHUT-OFF VALVE ON COLD WATER PIPE PRIOR TO CONNECTION. SEE REVERSES OSMOSIS DETAIL ON SHEET MP1.2.
16. INSTALL PIPING ON WARM SIDE OF INSULATION.

Not For Construction

PLUMBING FIXTURE SCHEDULE:

HWC	HANDICAP WATER CLOSET (TANK TYPE): AMERICAN STANDARD CADET MODEL #2467.100 VITREOUS CHINA, FLOOR MOUNTED, FLUSHOMETER TANK TYPE WATER CLOSET WITH TANK COVER LOCKS, 16-1/2" HIGH ELONGATED BOWL, SIFON JET ACTION, 1.28 GAL/FLUSH, WHITE OPEN FRONT ELONGATED SEAT, CHROME PLATED ANGLE STOP & RISER.
WC	WATER CLOSET: AMERICAN STANDARD #210CA 001, "CADET 3", 1.28 GALLON FLUSH, ELONGATED BOWL, FLOOR MOUNTED, FLOOR OUTLET, TANK TYPE WATER CLOSET WITH TANK COVER LOCKS, VITREOUS CHINA, OPEN FRONT SEAT WITH CHECK HINGE AND LESS COVER, CHROME PLATED ANGLE STOP AND RISER.
U1	URINAL, WALL HUNG: AMERICAN STANDARD "WASHBROOK" MODEL # 6590.525, SLOAN MEUS 1000.1301-0.13-ES-S FLUSHOMETER VALVE, WHITE VITREOUS CHINA, WALL HUNG URINAL WITH TOP INLET, ADA COMPLIANT, 0.125 GPF WITH WALL HANGER & FLOOR MOUNTED FIXTURE CARRIER.
L1	LAVATORY, WALL HUNG: AMERICAN STANDARD "COMRADE" #0124.131, VITREOUS CHINA, WITH CONCEALED ARM SUPPORT, 4" CENTERS WITH INTEGRAL BACKSPASH, ADA ACCESSIBLE. FLAT GRID STRAINER, BRAIDED WATER LINES, ELECTRONIC SENSOR TYPE FAUCET, SLOAN SF-2300, ADA COMPLIANT, 0.5 GPM AERATOR.
HS	HAND SINK: AERO #H5K-A, 15"X 11" - 10" X 14" FRONT TO BACK X 5"D STAINLESS STEEL HAND SINK, WALL HUNG, INCLUDES A 6" GOOSENECK STAINLESS FAUCET, WITH SINGLE KNEE VALVE, BRAIDED WATER LINES AND 0.5 GPM AERATOR BASKET.
F1	HAND SINK FAUCET: ELECTRONIC SENSOR TYPE FAUCET, AMERICAN STANDARD 605B.165, ADA COMPLIANT, 0.5 GPM MULTI-LAMINAR FLOW.
MB	MOP BASIN: AERO #3MP-2121-6W, 48" HIGH SS MOP BASIN, 2" DRAIN, BACK SPLASH, T & S #B2465 FAUCET, SPRING CHECKS, VACUUM BREAKER, INTEGRAL STOPS, WALL BRACE & PAIL HOOK, WALL BRACKET WITH 30" HOSE.
MV	MIXING VALVE: POWERS SERIES #LF495, LAWLER SERIES #310 OR LEONARD SERIES #110 THERMOSTATIC CONTROLLED MIXING VALVE, LEAD FREE BRONZE BODY, LOCKED TEMPERATURE ADJUSTMENT GAP (VANDAL RESISTANT), COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH BRASS SHUTTLE, STAINLESSSTEEL SPRINGS, INTEGRAL CHECK VALVES ON HOT AND COLD INLETS. (SET TO 110°F). ASSE 1070 LISTED.

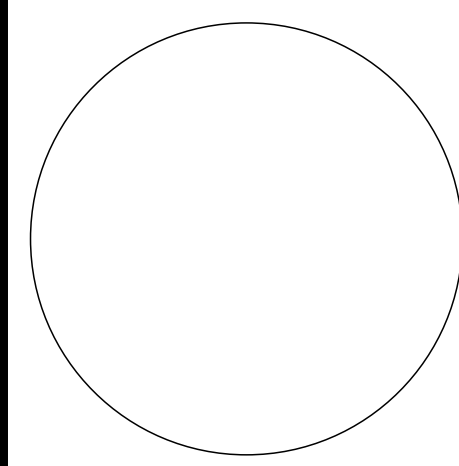
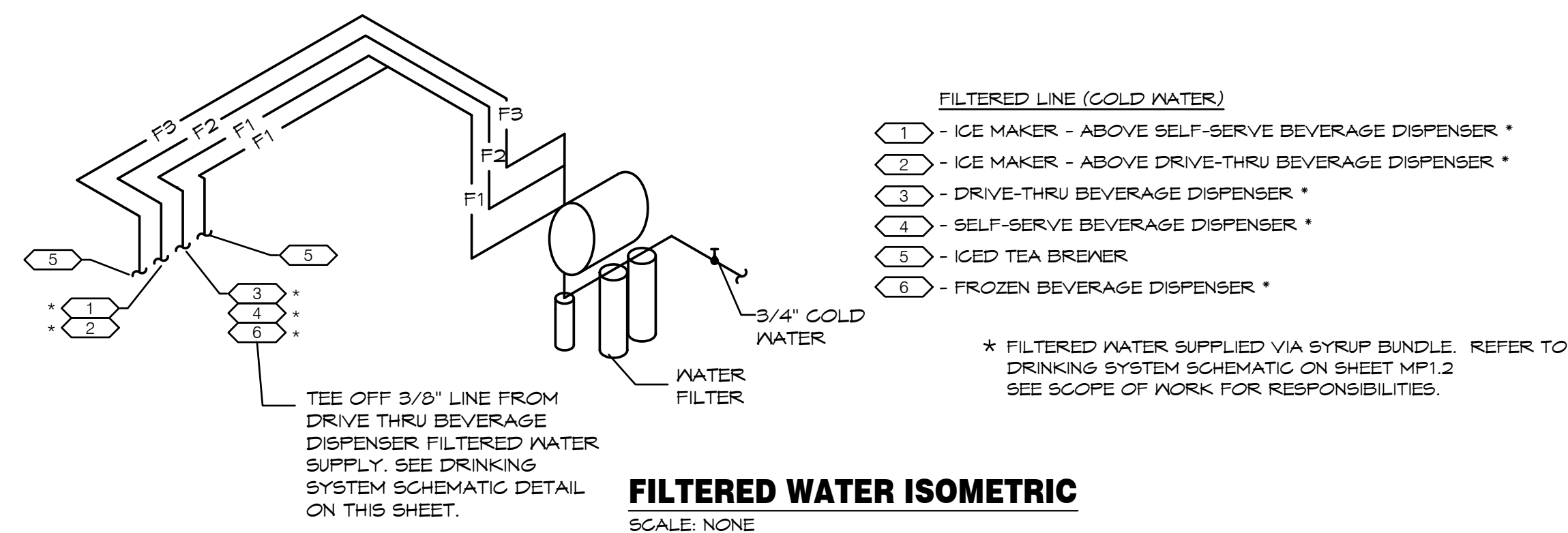
MECHANICAL & PLUMBING FLOOR PLAN
 SCALE: 1/4" = 1'-0"
 NORTH

AIR DEVICE SCHEDULE

MARK	NECK SIZE	FACE SIZE OR GRID SIZE	(NO.) & AIR PATTERN	TYPE	MAX FLOW (CFM)	MOUNTING	MATERIAL	MANUFACTURER	MODEL NUMBER	REMARKS
S-1	15"X15"	24"X24"	4W	SUPPLY	600	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	5000-6 / TDC-AA-NT	FRN SQR TO RND ADAPTER
R-1	22"X22"	24"X24"	-	RETURN	2000	LAY-IN	ALUMINUM	METAL-AIRE / TITUS	RHE-6/SOFF	HINGED/FULLY REMOVABLE FACE

NOTES:

1. SURFACE MOUNTED DIFFUSERS IN HARD CEILINGS SHALL BE PROVIDED WITH OPPOSED BLADE DAMPERS. SEE ARCHITECTURAL DRAWINGS FOR CEILING TYPES.



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CONTRACT DATE: 01.18.2022
 BUILDING TYPE: TYPE T-K
 PLAN VERSION: -
 BRAND DESIGNER: -
 SITE NUMBER: -
 STORE NUMBER: 37478

TACO BELL
 320 11th St. SW Plaza
 Spencer, IA 51301

**SUCCESSOR
 PROTOTYPE**

**MECHANICAL
 & PLUMBING
 FLOOR PLAN
 MP1.1**

ELECTRICAL SPECIFICATIONS

- GENERAL PROVISIONS:
 - PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, NECESSARY FOR THE COMPLETE INSTALLATION OF THE ELECTRICAL SYSTEMS OUTLINED.
 - OBTAIN ALL PERMITS, FEES, LICENSES, INSPECTIONS, AND CERTIFICATES OF COMPLIANCE OR APPROVAL AS REQUIRED BY THE AUTHORITIES.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST APPROVED EDITION OF THE NATIONAL ELECTRIC CODE (NEC), AND ALL APPLICABLE LAWS, CODES AND REGULATIONS OF THE GOVERNMENTAL BODIES HAVING JURISDICTION OVER THE SITE.
 - ALL TESTING REQUIRED BY AUTHORITIES SHALL BE CONSIDERED PART OF THIS WORK.
 - DURING CONSTRUCTION, ALL FIXTURES, EQUIPMENT, CONDUIT, ETC. SHALL BE COVERED, PLUGGED, OR GAPPED AS REQUIRED TO KEEP CLEAN AND UNDAMAGED. ALL DAMAGED ITEMS SHALL BE RESTORED TO ORIGINAL CONDITION OR REPLACED. ALL PROTECTIVE COVERING SHALL BE REMOVED BEFORE FINAL ACCEPTANCE.
 - PROVIDE ALL NECESSARY CUTTING AND PATCHING OF WALLS, FLOORS, CEILING, AND ROOFS AS NECESSARY. PATCH AROUND ALL OPENINGS SHALL MATCH ADJACENT AREA. COORDINATE ALL ROOFING WORK WITH OWNER OR RESPONSIBLE PARTY, SO THAT THE EXISTING ROOFING WARRANTY WILL BE MAINTAINED.
 - CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS AGAINST DEFECTS FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE.
 - CONTRACTOR SHALL PROVIDE ACCESS PANELS WHERE NECESSARY FOR CONCEALED ELECTRICAL COMPONENTS.
- CONTRACTOR SHALL PROMPTLY CALL ENGINEERS ATTENTION TO ANY APPARENT CONTRADICTIONS, AMBIGUITIES, ERRORS, DISCREPANCIES, OR OMISSIONS IN THE PLANS OR SPECIFICATIONS.
- OPERATION AND MAINTENANCE MANUALS:
 - DURING THE COURSE OF CONSTRUCTION, COLLECT AND COMPILE OPERATING INSTRUCTIONS, WIRING DIAGRAMS, CATALOG CUTS, LUBRICATION AND PREVENTIVE MAINTENANCE INSTRUCTIONS, PARTS LISTS, ETC. FOR ALL EQUIPMENT FURNISHED UNDER THIS CONTRACT.
 - ALL LITERATURE AND INSTRUCTIONS SHIPPED WITH THE EQUIPMENT SHALL BE SAVED FOR INCLUSION IN THE OPERATION AND MAINTENANCE MANUALS.
 - ALL LITERATURE LISTED ABOVE AND ALL PAPERS LISTING WARRANTIES, ETC. SHALL BE COLLATED AND LABELED WITH THE PROJECT NAME, ADDRESS, ARCHITECT, ENGINEER, CONTRACTORS, ETC. CONTRACTORS, ETC. DOCUMENTS SHALL BE COMPILED AND BOUND IN DIGITAL FILE OR 3 RING BINDER.
- MANUFACTURERS:
 - MANUFACTURERS, MODEL NUMBERS, ETC. INDICATED OR SCHEDULED ON THE DRAWINGS SHALL BE INTERPRETED AS HAVING ESTABLISHED A STANDARD OF QUALITY AND SHALL NOT BE CONSIDERED AS LIMITING COMPETITION. ARTICLES, FIXTURES, ETC. OF EQUAL QUALITY BY MANUFACTURERS SHALL BE ACCEPTABLE, SUBJECT TO STRUCTURAL AND ELECTRICAL CONSTRAINTS OF THE PROJECT DESIGN, UNLESS NOTED OTHERWISE.
- TESTING, AND BALANCING:
 - ALL CIRCUITS SHALL BE TESTED FOR CONTINUITY, SHORTS, AND GROUNDS BEFORE CONNECTING TO THE PROPER PHASE AS DESIGNED TO BALANCE THE LOADING BETWEEN PHASES.
 - POWER AND LIGHTING PANELS SHALL BE PROPERLY PHASED TO DISTRIBUTE THE LOAD AND SHALL BE CONNECTED AND ADJUSTED TO OPERATE AS SPECIFIED.
 - ALL MOTORS AND SIMILAR EQUIPMENT SHALL BE CHECKED FOR PROPER PHASE ROTATION AND OPERATION.
- RACEWAYS:
 - CONDUIT INSIDE THE BUILDING SHALL BE METALLIC TUBING (EMT), BEARING THE UL LABEL, WITH COMPRESSION TYPE FITTINGS OR SCREW SET FITTINGS.
 - CONDUIT EXPOSED TO THE WEATHER, INSTALLED UNDERGROUND, IN CONCRETE, OR USED FOR SERVICE ENTRANCE SHALL BE STANDARD RIGID CONDUIT (GALVANIZED) WITH THREADED FITTINGS.
 - UNDERGROUND CONDUIT MAY BE POLYVINYL CHLORIDE WITH A DEFLECTION TEMPERATURE, UNDER LOAD AT 264 PSI, OF 10 DEGREES C, AND A TENSILE STRENGTH OF 5,200 PSI. JOINTS SHALL BE FLUSH SOLVENT WELDED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. CONDUIT SHALL BE EQUAL TO CARLON POWER AND COMMUNICATIONS DUCT TYPE DB (DIRECT BURIAL). CONDUIT AND FITTINGS SHALL BE PRODUCED BY THE SAME MANUFACTURER.
 - FLEXIBLE METAL CONDUIT SHALL ONLY BE USED FOR CONNECTIONS TO MOTORS, TRANSFORMERS, AND LIGHT FIXTURES. MAXIMUM LENGTH SHALL BE 6'-0".
- CONDUCTORS:
 - WIRES SHALL BE CONTINUOUS WITHOUT SPLICES OR TAPS IN CONDUIT RUNS. ALL SPLICES SHALL BE MADE IN JUNCTION, PULL, OR OUTLET BOXES. ALL WIRE SHALL BE INSTALLED IN CONDUIT, WIREWAYS, OR OTHER PROTECTIVE COVER SANCTIONED BY CODES.
 - CONDUCTORS FOR LIGHTING AND POWER SHALL BE COPPER, MINIMUM NO. 12 A.M.S., 600 VOLT.
 - NO. 10 GAUGE AND SMALLER CONDUCTORS SHALL BE TYPE THHN (WET LOCATIONS) OR THHN (DRY LOCATIONS), SOLID CONDUCTOR, UNLESS OTHERWISE INDICATED.
 - NO. 8 GAUGE AND LARGER CONDUCTORS SHALL BE TYPE THHN (WET LOCATIONS) OR THHN (DRY LOCATIONS), STRANDED, UNLESS OTHERWISE INDICATED.
 - SERVICE ENTRANCE AND PANEL FEEDER CONDUCTORS, NO. 3 GAUGE AND LARGER SHALL BE TYPE XHHW-2 (WET LOCATIONS) OR THHN (DRY LOCATIONS), STRANDED COPPER, UNLESS OTHERWISE INDICATED.
- MC CABLE:
 - MC CABLE SHALL CONSIST OF INTERLOCK ARMORED CABLE MADE OF THREE OR FOUR TYPE THHN SOLID (89 AWG AND LARGER MAY BE STRANDED) COPPER CONDUCTORS RATED 90°C FOR DRY LOCATIONS, WITH NYLON OR EQUIVALENT UL LISTED JACKET, PER UL STANDARD 83. THE THREE CONDUCTORS SHALL BE TWISTED TOGETHER WITH THE COPPER GROUNDING CONDUCTOR, SUITABLE FILLERS, AND WRAPPED IN BINDER TAPE. THE ASSEMBLY SHALL BE ARMORED WITH SPIRALLY WRAPPED INTERLOCKED ARMOR OF ALUMINUM OR GALVANIZED STEEL.
 - CABLES SHALL BE TESTED IN ACCORDANCE WITH UL STANDARD 1569 FOR TYPE MC CABLE AND RATED AT 600 VOLTS, 90 DEG. C FOR DRY LOCATIONS AND 75 DEG. C FOR WET LOCATIONS.
- WIRING DEVICES:
 - WALL SWITCHES SHALL BE SPECIFICATION GRADE, QUIET TYPE, FLUSH TOGGLE SWITCH, RATED FOR 20 AMPS, WITH THERMOPLASTIC COVER PLATES.
 - SINGLE POLE: HUBBELL #G51221-X, OR EQUAL.
 - THREE WAY: HUBBELL #G51223-X, OR EQUAL.
 - AS SPECIFIED ON PLANS.
 - RECEPTACLES SHALL BE SPECIFICATION GRADE, DUPLEX, GROUNDING, THREE-WIRE TYPE, RATED FOR 20 AMPS, WITH THERMOPLASTIC COVER PLATES. HUBBELL #R5952-X, OR EQUAL.
 - GROUND FAULT INTERRUPTER RECEPTACLES (GFI) SHALL BE HUBBELL #GF20-XL. DEVICE COVER PLATES SHALL BE AS HEREINBEFORE SPECIFIED.
 - ISOLATED GROUND RECEPTACLES (IG) SHALL BE HUBBELL #CR595216. ORANGE COLOR. DEVICE COVER PLATES SHALL BE AS HEREINBEFORE SPECIFIED.
 - RECEPTACLES OUTSIDE BUILDING AND WHERE NOTED AS WEATHERPROOF, SHALL BE LISTED WEATHER-RESISTANT HUBBELL #FTF20-X OR EQUAL AND SHALL BE INSTALLED IN A WEATHERPROOF ENCLOSURE WHICH SHALL BE INTERMATIC #W1010WMD OR #W1010WMD DECAT METAL WEATHERPROOF RECEPTACLE COVER. COVER SHALL BE WEATHER PROOF RATED WHILE IN USE.
 - VERIFY DEVICES AND DEVICE COVERPLATES COLOR WITH ARCHITECT.
- BOXES:
 - HOT DIPPED GALVANIZED STEEL BOXES. PROVIDE TYPE TO SUIT CONDITIONS FOR INSTALLATION.
 - ALL BOXES SHALL BE FLUSH MOUNTED, UNLESS INDICATED OTHERWISE.
- PANELBOARDS:
 - PANELBOARDS ARE EXISTING AND SHALL BE REUSED. PROVIDE ADDITIONAL BREAKERS AS REQUIRED TO CONNECT CIRCUITS AS SHOWN ON THE DRAWINGS. ADDITIONAL BREAKERS SHALL BE THERMAL MAGNETIC QUICK-BREAK BOLT ON CIRCUIT BREAKERS WITH ONE HANDLE FOR SINGLE OR MULTI-POLE RATINGS AND SHALL BE COMPATIBLE WITH EXISTING PANELS.
 - COMPLETE EXISTING DIRECTORY AS REQUIRED TO IDENTIFY NEW CIRCUIT, LISTING LOAD SERVED AND OTHER PERTINENT DATA.

ELECTRICAL SPECIFICATIONS (CONTINUED)

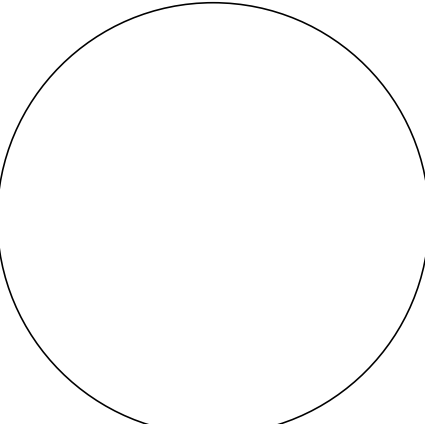
- LIGHT FIXTURES:
 - WHERE LIGHT FIXTURES ARE MOUNTED IN A LAY-IN CEILING, PROVIDE A MINIMUM OF 2 SUPPORT WIRES ATTACHED DIRECTLY BETWEEN EACH LIGHT FIXTURE AND THE BUILDING STRUCTURE. SUPPORT WIRES SHALL BE A MINIMUM OF 12 GAUGE GALVANIZED STEEL WIRE, SOFT ANNEALED.
 - FIXTURES ARE REQUIRED AT ALL LIGHTING OUTLETS SHOWN ON THE DRAWINGS. APPROVED LIGHTING FIXTURE WIRE IS REQUIRED IN ALL FIXTURES AND FIXTURE RACEWAYS. WEATHERPROOF WIRING IS REQUIRED FOR EXTERIOR FIXTURES. ALL PARTS OF FIXTURES AND WIRING SHALL BE IN ACCORDANCE WITH NEG REQUIREMENTS.
 - ALL FIXTURES SHALL CARRY UL AND ETL LABELS.
- SLEEVES:
 - PROVIDE, SET, AND PROPERLY LOCATE PIPE SLEEVES AS REQUIRED FOR THIS WORK.
 - INTERIOR PARTITIONS: 1/2" GAGE GALVANIZED STEEL, PACK BETWEEN CONDUIT AND SLEEVE WITH FIRE SAFING AND CAULK AT EACH END WITH FIRE RESISTANT SEALANT.
 - ROOF: PROSET OR EQUAL, MANUFACTURED PVC SCHEDULE 40 PIPE SLEEVE WITH WEATHERPROOF SEAL. COORDINATE WITH ROOFING CONTRACTOR AND FLASH AS REQUIRED TO MAINTAIN ROOF WARRANTY.
- GROUNDING:
 - GROUND ALL ELECTRICAL APPARATUS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) 250, AND ANY LOCAL REQUIREMENTS. INSURE CONTINUOUS BOND WHERE FLEXIBLE CONDUIT IS USED. PROVIDE BONDING JUMPER INSIDE ALL FLEXIBLE CONDUIT.
 - BOND METAL PIPING SYSTEMS IN COMPLIANCE WITH NEC 250.4(A)(4).
- REMODELING WORK:
 - DEMOLITION, DISCONNECT, DEMOLISH AND REMOVE ABANDONED ELECTRICAL MATERIALS AND EQUIPMENT INDICATED TO BE REMOVED AND NOT INDICATED TO BE SALVAGED OR REPAIR.
 - EQUIPMENT TO BE SALVAGED:
 - DISCONNECT AND REMOVE EXISTING ELECTRICAL EQUIPMENT INDICATED TO BE REMOVED AND SALVAGED. DELIVER EQUIPMENT TO THE LOCATION DESIGNATED BY THE OWNER FOR STORAGE.
 - ALL MATERIALS AND EQUIPMENT DESIGNATED TO BE REUSED OR RELOCATED SHALL BE CAREFULLY REMOVED, AND STORED UNTIL NEEDED FOR REMODELING WORK. ALL ITEMS SHALL BE RESTORED TO LIKE NEW CONDITION WITH RUST OR CORROSION REMOVED, SURFACE PAINT TOUCHED UP OR REPAINTED AS REQUIRED TO MATCH NEW CONSTRUCTION, AND THOROUGHLY CLEANED AND INSPECTED. ANY ITEMS WHICH BECOME DAMAGED BEYOND REPAIR AS A RESULT OF CONSTRUCTION OR DEMOLITION ACTIVITY SHALL BE REPLACED WITH NEW MATERIAL EQUIVALENT IN EVERY RESPECT.
 - DISPOSAL AND CLEANUP: REMOVE FROM THE SITE AND LEGALLY DISPOSE OF DEMOLISHED MATERIALS AND EQUIPMENT NOT INDICATED TO BE SALVAGED.
 - PROTECT ADJACENT MATERIALS INDICATED TO REMAIN. INSTALL AND MAINTAIN DUST AND NOISE BARRIERS TO KEEP DIRT, DUST, AND NOISE FROM BEING TRANSMITTED TO ADJACENT AREAS. REMOVE PROTECTION AND BARRIERS AFTER REMODELING OPERATIONS ARE COMPLETE.
 - PROVIDE ALL ALTERATIONS AND REWORK INDICATED AND/OR REQUIRED FOR THE PROPER INSTALLATION AND OPERATION OF ALL EXISTING ELECTRICAL SYSTEMS, INTEGRATING THE NEW AND EXISTING AREAS. LOCATE, IDENTIFY, AND PROTECT ELECTRICAL SERVICES PASSING THROUGH REMODELING AREA AND SERVING OTHER AREAS OUTSIDE THE REMODELING LIMITS. MAINTAIN SERVICES TO AREAS OUTSIDE REMODELING LIMITS. WHEN SERVICES MUST BE INTERRUPTED, INSTALL TEMPORARY SERVICES FOR AFFECTED AREAS.
 - ABANDONED CONDUIT SHALL HAVE WIRE REMOVED AND SHALL BE GAPPED. ABANDONED OUTLETS IN WALLS OR PARTITIONS SHALL HAVE DEVICES AND WIRE REMOVED, AND SHALL BE COVERED.
 - WHERE EXISTING CONDUITS TERMINATE AT AN EXISTING OUTLET IN A WALL, CEILING, OR FLOOR TO BE REMOVED, DISCONNECT AND REMOVE DEVICE AND WIRE FROM CONDUIT. CONDUIT SHALL BE CUT BACK AND GAPPED (BELOW THE FLOOR OR ABOVE THE CEILING) SO NOT TO CREATE AN OBSTRUCTION. PATCH FLOOR TO MATCH EXISTING.
 - WHERE EXISTING CIRCUITS EXTEND BEYOND THE OUTLET IN THE EXISTING WALL, CEILING, OR FLOOR TO BE REMOVED, FURNISH AND INSTALL NEW CONDUIT AND WIRE TO EITHER REROUTE THE CIRCUIT OR FEED THE REMAINING OUTLET(S) FROM ANOTHER ELECTRICAL SOURCE, BUT IN SUCH A MANNER AS NOT TO REVISE THE CIRCUIT. ALL REROUTED CONDUIT SHALL BE APPROVED BY THE ARCHITECT.
 - WHERE EXISTING OUTLETS IN A WALL, CEILING, OR FLOOR TO BE REMOVED ARE ESSENTIAL TO MAINTAIN OPERATION OF OTHER REMAINING OUTLETS, RELOCATE THE OUTLET TO A NEW CONVENIENT LOCATION. EXISTING WIRING DEVICES SHALL NOT BE REMOVED, UNLESS OTHERWISE INDICATED.
 - WHERE LIGHTING FIXTURES ARE INDICATED TO BE DEMOLISHED, REMOVE ALL WIRE AND MODIFY THE EXISTING CONDUIT (IF APPLICABLE) FOR THE NEW LIGHTING. ALL UNUSED CONDUIT SHALL BE REMOVED.
 - WHERE A TELEPHONE CIRCUIT EXTENDS BEYOND AN OUTLET IN AN EXISTING WALL, CEILING, OR FLOOR TO BE REMOVED, PROVIDE NECESSARY EMPTY CONDUIT AND NOTIFY THE OWNER WHO WILL REQUEST THE OWNER TO ARRANGE WITH THE TELEPHONE COMPANY FOR NEW WIRING TO OUTLETS THAT REMAIN.
 - WHERE EXISTING CONDUIT AND WIRE RUNS ARE LOCATED IN OR ATTACHED TO AN EXISTING WALL, CEILING OR FLOOR TO BE REMOVED, THEY SHALL BE REROUTED IN EITHER NEW OR EXISTING CONSTRUCTION TO MAINTAIN CONTINUITY OF CIRCUITS UNLESS OTHERWISE INDICATED.
 - CONDUIT SHALL BE CONCEALED WITHIN THE EXISTING BUILDING CONSTRUCTION WHEREVER POSSIBLE, EXCEPT WHERE OTHERWISE INDICATED.
 - EXISTING WIRE SHALL BE DISCONNECTED AND REMOVED WHEREVER EXISTING CIRCUITS ARE ABANDONED.

ELECTRICAL SYMBOLS LIST	
CIRCUITING & NOTES	
+46"	SPECIAL MOUNTING HEIGHT FOR ASSOCIATED DEVICE (CENTERLINE OF DEVICE)
GFI	GROUND FAULT CIRCUIT INTERRUPTER DEVICE
WP	WEATHERPROOF ENCLOSURE ON DEVICE
WR	WEATHERPROOF RESISTANT DEVICE
IG	ISOLATED GROUND DEVICE
EM	EMERGENCY BATTERY BACKUP
TR	TAMPER RESISTANT OUTLET
(TIE)	PARTIAL HOMERUN. REFER TO PLANS FOR ADDITIONAL DEVICES CONNECTED TO THIS CIRCUIT.
[X]	ELECTRICAL FLOOR PLAN NOTE WITH DESIGNATION
2 LP	CONDUIT CONCEALED WHERE POSSIBLE OR AS NOTED, ARROWS INDICATE HOME RUN TO PANEL. CIRCUIT NUMBERS INDICATED
[Symbol]	#12 WIRE IN CONDUIT, UNLESS NOTED OTHERWISE ON DRAWINGS OR SPECIFICATION
[Symbol]	GROUNDING CONDUCTOR, #12 WIRE UNLESS NOTED OTHERWISE ON DRAWINGS OR SPECIFICATION
[Symbol]	CONDUIT ROUTED UNDER FLOOR/GRADE
LIGHTING	
[Symbol]	EMERGENCY TWIN HEAD LIGHT FIXTURE
[Symbol]	EXIT LIGHT WITH DIRECTIONAL ARROWS INDICATED
[Symbol]	RECESSED OR SURFACE MOUNTED FIXTURE WITH TYPE DESIGNATION
[Symbol]	NIGHT LIGHT, CONNECT TO UNSWITCHED CIRCUIT
[Symbol]	CEILING OR RECESSED FIXTURE WITH TYPE DESIGNATION
[Symbol]	WALL MOUNTED FIXTURE WITH TYPE DESIGNATION
POWER DEVICES	
[Symbol]	DUPLEX RECEPTACLE, BOTTOM OF BOX AT 16" AFF, UNLESS NOTED OTHERWISE
[Symbol]	FOURPLEX RECEPTACLE, BOTTOM OF BOX AT 16" AFF, UNLESS NOTED OTHERWISE
[Symbol]	DEVICE MOUNTED ABOVE COUNTER AND/OR SPLASH GUARD
[Symbol]	HEAVY DUTY OUTLET - NEMA CONFIGURATION SIZE PER EQUIPMENT MANUFACTURER'S RECOMMENDATION
[Symbol]	PANEL BOARD, TOP OF BOX 6'-0" AFF
[Symbol]	JUNCTION BOX
[Symbol]	FUSED DISCONNECT SWITCH
CONTROLS	
[Symbol]	SINGLE POLE WALL SWITCH, TOP OF BOX AT 48" AFF
[Symbol]	THREE-WAY WALL SWITCH, TOP OF BOX AT 48" AFF
[Symbol]	DUAL TECHNOLOGY CEILING MOUNT OCCUPANCY SENSORS, WATTSTOPPER DT-355
COMMUNICATIONS	
[Symbol]	DATA/TELEPHONE OUTLET WITH 3/4" CONDUIT STUBBED UP TO ABOVE ACCESSIBLE CEILING, BOTTOM OF BOX AT 16", UNLESS NOTED OTHERWISE. PROVIDE WITH PULL STRING

ELECTRICAL GENERAL NOTES:

- COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS AS REQUIRED TO PROPERLY INSTALL ALL SYSTEMS AS INTENDED, WITHIN THE CONFINES OF THE SPACES AVAILABLE, AND WITHOUT INTERFERENCES.
- IT IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO PROPERLY BALANCE ALL BRANCH CIRCUITS BETWEEN THE PHASES OF THE SYSTEM REGARDLESS OF CIRCUITING INDICATED.
- ALL EXPOSED RACEWAYS SHALL BE IN EMT CONDUIT, MC CABLE IS NOT PERMITTED IN EXPOSED AREAS.
- ELECTRICAL CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, FIXTURES, SYSTEMS, CONDUIT AND WIRE, ETC. NOT BEING REUSED. DO NOT JUST ABANDON.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF LIGHT FIXTURES AND DEVICES.
- ALL ELECTRICAL DEVICES ARE EXISTING AND TO REMAIN UNLESS NOTED OTHERWISE OR CONFLICT WITH NEW CONSTRUCTION. MAINTAIN PROPER OPERATION OF ALL EXISTING ELECTRICAL.
- ALL MATERIALS EXPOSED WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84.
- EACH BRANCH CIRCUIT SHALL HAVE A DEDICATED NEUTRAL PER NEC 210.4.
- KITCHEN EQUIPMENT - VERIFY ALL ELECTRICAL REQUIREMENTS AND ROUGH-IN LOCATION PRIOR TO WORK.
- ALL BRANCH CIRCUITS SHALL BE SIZED TO ALLOW FOR A MAXIMUM OF 3% VOLTAGE DROP. ALL FEEDERS SHALL BE SIZED TO ALLOW FOR A MAXIMUM OF 2% VOLTAGE DROP. ELECTRICAL CONTRACTOR SHALL VERIFY WIRING INDICATED IS SUFFICIENT AND INCREASE CONDUCTOR SIZE AS REQUIRED BASED OFF ACTUAL INSTALLED LENGTH OF CONDUCTORS.
- ALL 120 VOLT 20 AMP RECEPTACLES IN KITCHEN SHALL BE GFCI PROTECTED PER NEC 210.8 (B)(2). (GFCI DEVICE OR GFCI BREAKER AS INDICATED ON PLANS)

Not For Construction



21678R21003

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CONTRACT DATE: 01.18.2022
 BUILDING TYPE: TYPE T-K
 PLAN VERSION: -
 BRAND DESIGNER: -
 SITE NUMBER: -----
 STORE NUMBER: 37478

TACO BELL
 320 11th St. SW Plaza
 Spencer, IA 51301



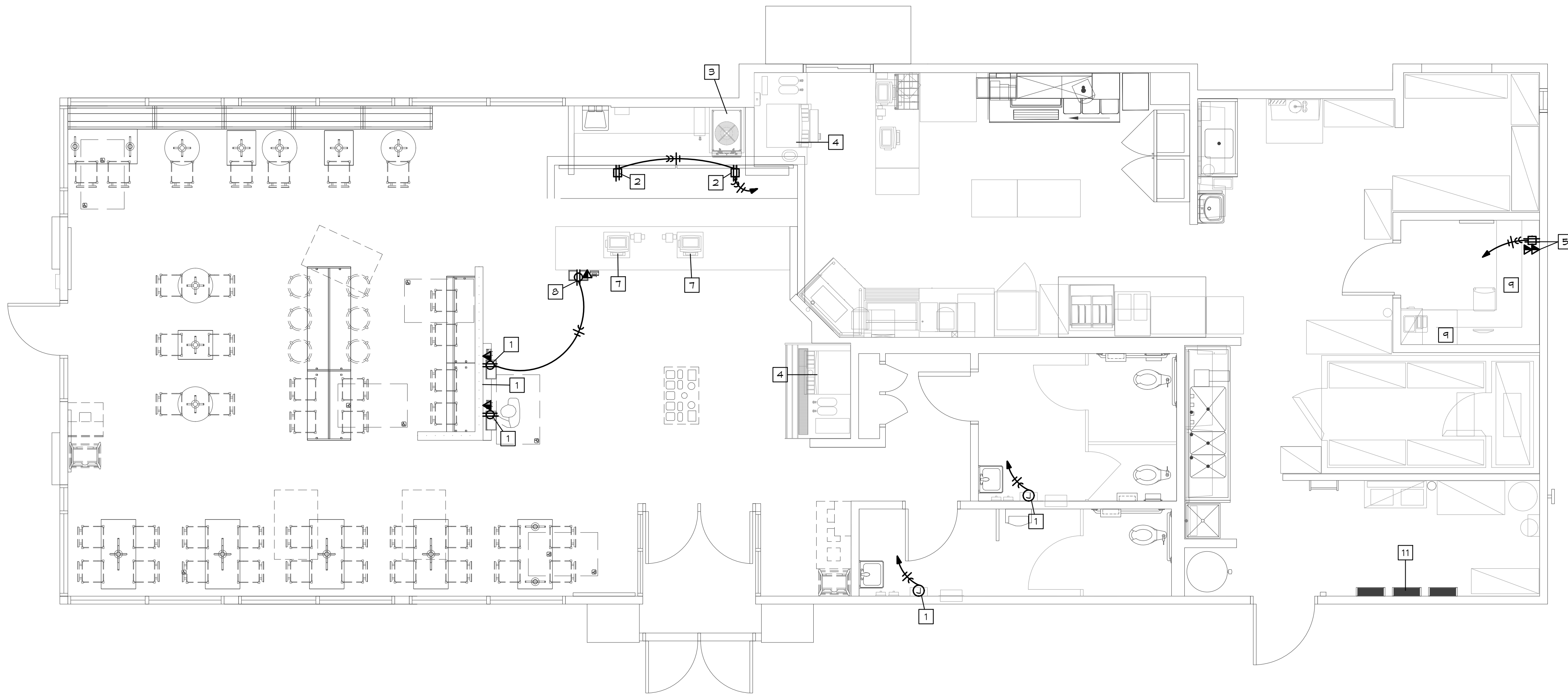
SUCCESSOR
 PROTOTYPE
**ELECTRICAL
 SPECIFICATIONS**


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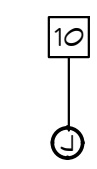
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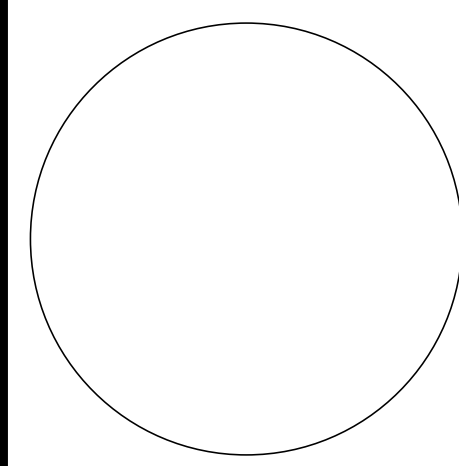

ELECTRICAL POWER PLAN
 SCALE: 1/4" = 1'-0"

ELECTRICAL PLAN NOTES:

- 1 PROVIDE NEW J-BOX FOR ELECTRIC HAND DRYER. CONNECT TO EXISTING HAND DRYER CIRCUIT WITH #12 WIRE IN 3/4" C. PROVIDE BREAKER WITH LOCK OFF DEVICE.
- 2 PROVIDE (4) 165265 DUPLEX RECEPTACLES IN (2) QUAD BOXES ON FRONT OF VALANCE WALL AS SHOWN. RECEPTACLES TO BE CONNECTED TO SPARE 20A/1P BREAKER W/ #12 WIRE IN 3/4" C. CIRCUIT SHALL BE DEDICATED CIRCUIT THAT IS NOT CONNECTED TO ANY RESTAURANT POWER MANAGEMENT SYSTEM. FIELD VERIFY EXACT LOCATIONS, REQUIREMENTS AND CONDITIONS.
- 3 RELOCATED FRUITISTA MACHINE. RELOCATE AND RECONNECT ELECTRICAL AS REQUIRED.
- 4 CONNECT NEW ICE MACHINE TO EXISTING ICE MACHINE CIRCUITING. VERIFY EQUIPMENT REQUIREMENTS PRIOR TO CONNECTION.
- 5 TECH IN A BOX: PROVIDE QUAD RECEPTACLE CONNECTED TO SPARE 20A/1P BREAKER W/ #12 WIRE IN 3/4" C. CIRCUIT SHALL BE DEDICATED CIRCUIT THAT IS NOT CONNECTED TO ANY RESTAURANT POWER MANAGEMENT SYSTEM. FIELD VERIFY EXACT LOCATIONS, REQUIREMENTS AND CONDITIONS.
- 6 PROVIDE POWER AND DATA FOR RELOCATED KIOSK TABLE. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS WITH DECOR VENDOR. RECONNECT TO EXISTING CIRCUITING.
- 7 REWORK EXISTING ELECTRICAL AND DATA CONNECTIONS IN FRONT COUNTER AS REQUIRED FOR NEW LAYOUT. RECONNECT TO EXISTING CIRCUITS AND EXTEND CONDUIT AND CONDUCTORS TO NEW LOCATIONS AS REQUIRED. ALL CONDUIT/WIRES SHALL BE ROUTED CONCEALED IN CASEWORK.
- 8 PROVIDE POWER AND DATA FOR NEW COUNTER MOUNTED KIOSK. FIELD VERIFY EXACT LOCATION AND REQUIREMENTS. ALL CONDUIT/WIRES SHALL BE ROUTED CONCEALED IN CASEWORK TO WALL AND CONNECTED TO EXISTING KIOSK CIRCUIT.
- 9 RELOCATE EXISTING POWER/DATA DEVICES AS REQUIRED FOR NEW COUNTER AND SHELVING LAYOUT. FIELD COORDINATE LOCATIONS AND REQUIREMENTS.
- 10 EXISTING DRIVE THRU MENU BOARD TO BE REPLACE WITH NEW DIGITAL MENU BOARD IN NEW LOCATION. COORDINATE ALL REQUIREMENTS WITH VENDOR. EXTEND EXISTING CONDUIT AND CIRCUITS TO NEW LOCATION WHERE POSSIBLE AND PROVIDE NEW CONDUIT AND DEVICES AS REQUIRED.
- 11 COORDINATE WITH GC FOR ADDITION OF STAINLESS STEEL SHROUD AROUND ELECTRICAL CONDUITS ABOVE ELECTRICAL PANELS.




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**SUCCESSOR
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ELECTRICAL
POWER PLAN**

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