



BURGER KING

BURGER KING #10284
695 7TH ST. EAST
ST. PAUL, MN 55106

IMAGE UPGRADES TO EXISTING BURGER KING

WARREN JOHNSON ARCHITECTS, INC.

19 N. GREELEY STREET
PALATINE, ILLINOIS 60067
TEL. 847.359.9616
FAX 847.359.9641

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
DATE: 2-11-16 REGISTRATION NO. 020694

CODE REVIEW

AUTHORITY: CITY OF SAINT PAUL
DSJ MAIN OFFICE/PERMIT DESK
575 JACKSON STREET, SUITE 220
ST. PAUL, MN 55101
651.266.8494

CODE: 2015 MINNESOTA STATE BUILDING CODE (ADOPTS THE 2012 INTERNATIONAL BUILDING CODE)
2015 MINNESOTA MECHANICAL CODE
2015 MINNESOTA ENERGY CODE
NFPA 70 (CURRENT)
2015 NATIONAL ELECTRIC CODE (NEC)

CONST. TYPE: TYPE V-B

USE: A-2

ACTUAL AREA: 4,070 SQ. FT.

EXITS: 2 REQUIRED / 5 PROVIDED

EGRESS WIDTH REQ.: 22.2" REQUIRED (36" MIN.) = 234" PROVIDED (TOTAL OCC. LOAD (111) X 2)

MAXIMUM TRAVEL DISTANCE: 75 FT. = 57'-0" FT. PROVIDED

SANITARY FACILITIES REQUIRED:

	MALE	FEMALE
WATER CLOSET	(1) REQ./ (1) PROVIDED	(1) REQ./ (2) PROVIDED
URINAL	(1) REQ./ (1) PROVIDED	--
LAVATORY	(1) REQ./ (1) PROVIDED	(1) REQ./ (1) PROVIDED

REQUIRED FIRE RATINGS:

STRUCTURE:	0 HR.
EXTERIOR WALLS:	0 HR.
INTERIOR WALLS:	0 HR.
FLOOR:	0 HR.
ROOF:	0 HR.

PROJECT DIRECTORY

OWNER: TRI CITY FOODS LLC
1400 OPUS PLACE
SUITE 900
DOWNERS GROVE, IL 60515
PH: 630.590.5430
CONTACT: JEFF MACDONALD

ARCHITECT AND ENGINEER: WARREN JOHNSON ARCHITECTS, INC.
19 N. GREELEY STREET
PALATINE, IL 60067
PH: 847.359.9616
FX: 847.359.9641
CONTACT: JENNIFER THORSTENSON

STRUCTURAL ENGINEER: CARSELLO ENGINEERING
2656 WILD TIMOTHY ROAD
NAPERVILLE, IL 60564
PH: 630.254.9967
CONTACT: VICTOR CARSELLO, S.E.

LIST OF DRAWINGS

CS-1 COVER SHEET
CS-2 CODE DIAGRAMS & REQUIREMENTS

SITE PLANS

SP-1 SITE PLAN & DETAILS
SP-2 SITE DETAILS

CIVIL

C1 GRADING PLAN

DEMOLITION

DM-1 DEMOLITION PLAN

STRUCTURAL

S1.1 ROOF FRAMING PLAN
S2.1 FRAMING DETAILS

ARCHITECTURAL

A-1 FLOOR PLAN AND DETAILS
A-2 CEILING PLAN AND DETAILS
A-3 EXISTING EXTERIOR ELEVATIONS
A-4 PROPOSED EXTERIOR ELEVATIONS
A-4.1 PROPOSED EXTERIOR ELEVATIONS
A-5 CONSTRUCTION DETAILS
A-6 BATHROOM PLAN AND ELEVATIONS
A-7 DOOR SCHEDULES
A-8 MANUFACTURER CONTACT LIST

DECOR

ID-1 COVER SHEET
ID-2 SEATING LAYOUT
ID-3 FURNITURE FINISH LAYOUT
ID-4 WALL FINISH LAYOUT
ID-5 PENDANT, SOFFIT, GRAPHIC LAYOUT
ID-6 FLOORING LAYOUT
ID-7 INTERIOR ELEVATIONS
ID-8.0 INTERIOR ELEVATIONS
ID-9 FURNITURE FINISH SPECIFICATIONS
ID-10 INTERIOR BUILDING SPECIFICATIONS
ID-11 INTERIOR BUILDING SPECIFICATIONS
ID-12 INTERIOR BUILDING SPECIFICATIONS
ID-13 INTERIOR BUILDING SPECIFICATIONS
ID-14 PRODUCT IMAGES
ID-15 PRODUCT DETAILS
ID-16 FSC DETAILS

PLUMBING

P-1 PLUMBING PLANS
P-2 PLUMBING SPECIFICATIONS

ELECTRICAL

E-1 ELECTRICAL POWER PLAN
E-2 ELECTRICAL SPECIFICATIONS

SCOPE OF WORK

REMODEL OF EXISTING BURGER KING RESTAURANT. EXTERIOR AND INTERIOR IMAGE RENOVATION AND MINIMAL SITE WORK.

G.C. TO PROVIDE NEW EPDM ROOF. INFILL ANY EXISTING ABANDONED ROOF OPENINGS AS REQUIRED. ADD NEW INSULATION (R-30) AS REQUIRED. TAPER TO CORRECT SLOPES AT PONDING AREAS ON ROOF & ASSURE SLOPES TO ROOF DRAINS.

G.C. TO CONSTRUCT DUST BARRIER SEPARATING THE KITCHEN FROM THE CONSTRUCTION AREAS. STUD AND PLYWOOD WALL WITH A DOOR FOR ACCESS OUT OF KITCHEN IF THERE IS NO SECONDARY EXIT. WALL MUST PROVIDE COMPLETE DUST BARRIER. PLASTIC BARRIER NOT ACCEPTABLE.

GENERAL NOTES

- 1) ALL WORK TO COMPLY WITH THE MINNESOTA ACCESSIBILITY CODE AS ESTABLISHED BY THE STATE OF MINNESOTA.
- 2) ALL CONTRACTORS AND SUBCONTRACTORS WILL THOROUGHLY FAMILIARIZE THEMSELVES WITH THESE CONSTRUCTION DOCUMENTS AND WILL VERIFY EXISTING SITE AND BUILDING CONDITIONS PRIOR TO SUBMITTING A BID. ALL SUBCONTRACTORS WILL PROVIDE ALL LABOR, SUPERVISION, AND MATERIALS AND EVERYTHING OF EVERY SORT WHICH MAY BE NECESSARY FOR A SUCCESSFUL COMPLETION OF THIS PROJECT TO OBTAIN A FINAL OCCUPANCY PERMIT. ALL WORK TO BE PERFORMED IN A GOOD AND WORKMANLIKE MANNER AS DESCRIBED HEREIN BY THESE CONSTRUCTION DOCUMENTS ACCORDING TO THE TRUE INTENT AND MEANING OF THE DRAWINGS AND SPECIFICATIONS, WHETHER THE SAME MAY OR MAY NOT BE PARTICULARLY REFERRED THEREFROM ALL WORK INDICATED OR DESCRIBED IN THE DRAWINGS OR SPECIFICATIONS WILL BE CONFERRED BY THE CONTRACT TO THE EXTENT AS IF DESCRIBED IN BOTH.
- 3) SUBCONTRACTORS, BEFORE STARTING THEIR WORK, WILL CHECK AND VERIFY THEIR PARTICULAR CODE RELATED REQUIREMENTS FOR COMPLIANCE ALONG WITH MEASUREMENTS, SURFACE LEVELS, SURFACE CONDITIONS AND RELATED PRODUCT, INSTALLATIONS NEAR AND ABOUT THEIR WORK. EACH TRADE WILL VERIFY IF CONTRACT CONDITIONS WITH THE OWNER OR THE ON-SITE CONSTRUCTION MANAGER AS TO IF THEY ARE OR NOT OF THE SAME, AS PER THESE CONSTRUCTION DOCUMENTS. IT WILL BE CONCLUDED THAT EACH BIDDER UNDERSTANDS AND KNOWS EXACTLY WHAT WILL BE REQUIRED OF HIM AND WILL PERFORM THESE REQUIREMENTS WITHOUT RECOURSE TO THE FULL AND UNCONDITIONAL SATISFACTION OF THE OWNER. THERE ARE NO ALTERNATE BIDS ON THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE CONSIDERED AFTER LETTING OF THIS BID UNLESS CHANGES ARE DIRECTED BY THE OWNER IN WRITING WITH COST ALREADY NEGOTIATED FOR THAT ADDED WORK AFTER THE LETTING OF THE BID.
- 4) THIS ARCHITECT AND HIS PROFESSIONAL CONSULTANTS WILL NOT HAVE CONTROL OR CHANGE OF AND WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK ON THIS PROJECT OR FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK ON THIS SITE, NOR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE INTENT OF THE CONTRACT AND OR CONSTRUCTION DOCUMENTS.
- 5) ALL CONTRACTORS WILL PROVIDE ADEQUATE BRACING AND/OR SHORING TO INSURE STRUCTURAL STABILITY OF THE BUILDING AND ALL RELATED BUILDING COMPONENTS IE: STRUCTURAL WALLS, INTERIOR WALL ASSEMBLIES, ETC. DURING THE CONSTRUCTION PHASE OF THIS PROJECT.
- 6) ALL WORK WILL BE COORDINATED WITH OTHER TRADES IN ORDER TO AVOID INTERFERENCE AND PRESERVE MAXIMUM HEADROOM AND AVOID OMISSIONS. EACH CONTRACTOR WILL INCLUDE ALL MISCELLANEOUS ITEMS REQUIRED BY CODE AND NEEDED TO COMPLETE THE WORK INCLUDING MOVING AND RIGGING OF MATERIALS AND EQUIPMENT, ALL THE HANGERS, SUPPORTS, ANCHORS, SUSPENSION MEANS, CONDUIT, WIRE, FITTINGS, SLEEVES, ETC.
- 7) ALL MATERIALS USED WILL BE NEW AND BEAR U.L. LABELS WHERE REQUIRED AND MEET APPROPRIATE N.E.M.A. STANDARDS.
- 8) LAYOUT ALL PARTITIONS BEFORE BEGINNING CONSTRUCTION TO PREVENT ERRORS BY DISCREPANCY. ALL DRYWALL PARTITIONS WILL BE INSTALLED AS NOTED ON THE DRAWINGS.
- 9) ALL CONTRACTORS WILL GUARANTEE ALL LABOR AND MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF ISSUE OF FINAL OCCUPANCY PERMIT AND/OR AT THE FINAL PAYOUT FROM OWNER.
- 10) VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING, CUTTING AND/OR INSTALLING MATERIAL, PRODUCT OR EQUIPMENT. IN THE EVENT OF ANY DISCREPANCIES, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH THAT WORK.

- 11) ALL SUBCONTRACTORS WILL PROVIDE A CERTIFICATE OF INSURANCE TO THE OWNER PRIOR TO STARTING ANY WORK ON THIS PROJECT. NOTE: CERTIFICATE OF INSURANCE CANNOT BE TERMINATED OR CANCELED WITHOUT 10 DAYS PRIOR WRITTEN NOTICE TO THE OWNER.
- 12) NO SUBSTITUTIONS OF ANY KIND FOR MATERIALS SPECIFIED ON THESE CONSTRUCTION DOCUMENTS IS ALLOWED. NO "EQUIVALENT" SUBSTITUTIONS WILL BE MADE, UNLESS APPROVED IN WRITING BY THE ARCHITECT AND APPROVED BY THE OWNER, DUE TO THE LACK OF AVAILABILITY OF ORIGINAL.
- 13) RESPONSIBILITY OF CONTRACTOR: EACH CONTRACTOR IS RESPONSIBLE FOR AND MUST GUARANTEE IN WRITING FIRST CLASS WORKMANSHIP AND MATERIALS. EACH CONTRACTOR WILL ASSUME ALL RESPONSIBILITY FOR THE CARE AND PROTECTION OF HIS OWN WORK AND MATERIALS FROM DAMAGE AND WILL PROTECT THIS SAME PROPERTY. HE WILL MAKE GOOD ANY DAMAGE TO HIS OWN OR OTHER WORK CAUSED BY HIMSELF OR WORKMEN EMPLOYED BY HIM.
- 14) SITE SAFETY: EACH CONTRACTOR WILL ABIDE BY LOCAL AREA STANDARDS AND RELATED OSHA STANDARDS FOR THE PROTECTION AND SAFETY FOR THEIR EMPLOYEES ON SITE. THIS ARCHITECT AND HIS PROFESSIONAL CONSULTANTS WILL BE HELD HARMLESS BY THE OWNER, GENERAL CONTRACTOR AND RELATED AWARDED TRADES, ON THIS PROJECT FOR ACCIDENTS OR INJURIES CAUSED OR ACCRUED ON THIS PROPERTY DURING THE PRE/ACTUAL/POST CONSTRUCTION PHASES OF THIS PROJECT.
- 15) LIENS: ALL SUBCONTRACTORS AND THE GENERAL CONTRACTOR WILL DELIVER TO THE OWNER A COMPLETE RELEASE OF ALL ITEMS ARISING OUT OF THIS CONTRACT AND/OR RECEIPTS IN FULL IN LIEU THERE OF TOWARDS THEIR PARTIAL OR FINAL PAYMENT FOR WORK IN PLACE FOR THE OWNER.
- 16) GENERAL CONTRACTOR TO PAY FOR ALL SCAVENGER SERVICES, AND WILL BE RESPONSIBLE FOR REMOVAL OF DEBRIS ACCUMULATED BY EACH TRADE. HOWEVER, EACH TRADE WILL KEEP THE JOB SITE CLEAN AND SAFE AT ALL TIMES, ALONG WITH A BROOM FINISH AT THE END OF EACH WORKING DAY.
- 17) IF CHANGES ARE MADE IN THE FIELD ON THIS PROJECT VIA DIMENSIONS, MATERIALS, INSTALLATION DIFFERENT THAN INDUSTRY TECHNIQUES AND STANDARDS, ETC., "CONSTRUCTION MANAGER" IS TO BE NOTIFIED 48 HOURS IN ADVANCE TO THESE CHANGES TO BE MADE BY SAID TRADE. IF NOTICE IS NOT GIVEN TO THE G.M., THEN THAT SUBCONTRACTOR IS TOTALLY RESPONSIBLE FOR THE CONSEQUENCES AND EFFECTS EVOLVED FROM THESE CHANGES.
- 18) CONSTRUCTION CLEAN-UP: AFTER ALL OTHER WORK IS COMPLETED AND JUST PRIOR TO TURNING THE SPACE OVER TO THE OWNER, THE CONSTRUCTION MANAGER WILL EMPLOY THE SERVICES OF A PROFESSIONAL CLEANING SERVICES TO CLEAN AND WASH DOWN ALL INSTALLED EQUIPMENT, SERVICE AREAS, ALONG WITH THE CLEANING OF ALL GLASS WINDOW/DOOR SURFACES PRIOR TO OCCUPANCY. ALL WORK SHALL CONFORM TO THE APPLICABLE CODES FOR THIS MUNICIPALITY. SEE CODE REVIEW ON THIS SHEET.
- 19) DO NOT SCALE DRAWINGS.
- 20) CONTRACTOR WILL APPOINT ONE SPECIFIC INDIVIDUAL FOR LIAISON WITH THE OWNER REPRESENTATIVE AND ARCHITECT.
- 21) CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK AT ANY TIME WITHOUT APPROVED CONTRACT DOCUMENTS.
- 22) CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL ARCHITECTURAL, MECHANICAL, TELEPHONE, ELECTRICAL (INCLUDING LIGHTING), AND PLUMBING SO TO ENSURE THAT REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF ALL EQUIPMENT ARE PROVIDED.
- 23) DIMENSIONS SHALL NOT BE CHANGED WITHOUT THE ARCHITECT'S WRITTEN APPROVAL.
- 24) CONTRACTOR TO PROTECT EXISTING CONSTRUCTION AND RESTORE ALL FINISH SURFACES TO THEIR ORIGINAL CONDITION WHERE DAMAGED.

OCCUPANCY LOAD

ASSEMBLY AREAS @ 15 S.F. PER PERSON
SEATING AREA = 1,271 S.F. / 15 = 85 PEOPLE

SALES AREAS (QUEUING) @ 5 S.F. PER PERSON
QUEUE AREA = 49 S.F. / 5 = 10 PEOPLE

BUSINESS AREAS @ 100 S.F. PER PERSON
OFFICE = 41 S.F.
OFFICE/CONFERENCE = 237 S.F.
CORRIDOR = 297 S.F.
VESTIBULE = 59 S.F.
MEN'S BATHROOM = 139 S.F.
WOMEN'S BATHROOM = 127 S.F.
TOTAL = 900 S.F. / 100 = 9 PEOPLE

COMMERCIAL KITCHEN @ 200 S.F. PER PERSON
KITCHEN AREA = 749 S.F. / 200 = 4 PEOPLE

STORAGE AREAS @ 300 S.F. PER PERSON
WALK-IN COOLER = 208 S.F.
DRY STORAGE = 465 S.F.
TOTAL = 673 S.F. / 300 = 3 PEOPLE

TOTAL OCCUPANT LOAD
TOTAL OCCUPANTS = 111 PEOPLE

ACCESSIBILITY NOTES

DOORS-All doors will comply with the Minnesota Accessibility Code and ANSI section 4.13

DRINKING FOUNTAINS-All public drinking fountains and water coolers shall comply with ANSI 4.15

CONTROLS AND OPERATING MECHANISMS-All controls and operating mechanisms along accessible routes and in accessible spaces shall comply with ANSI section 4.25

ALARMS-All emergency warning systems shall comply with ANSI section 4.26, and shall be both audio and visual.

SIGNAGE-Signage shall be provided per IAC section 400.312(u). Signage shall include parking lot signage, room identification signage, emergency signage, and all signage included in IAC 400.310(s)

TELEPHONES-Where provided, at least one public phone shall comply with ANSI section 4.30. An auxiliary countertop will be provided per ANSI section 4.30

ACCESSIBLE PARKING SPACES AND SIGNAGE-Accessible parking spaces shall comply with IAC section 400.310(c). Individual stalls shall comply with ANSI 4.6. Parking signage shall comply with IAC section 400.310(r) and applicable ANSI requirements.

TOILET ROOMS, BATHING & SHOWER FACILITIES-Public Facilities will be provided per the Minnesota Plumbing Code, ANSI section 4.22, and Minnesota Accessibility Code. All facilities will meet the requirements defined in the Minnesota Plumbing Code.

SYMBOL NOTES

INDICATES DETAIL NUMBER
INDICATES SHEET UPON WHICH DETAIL APPEARS

SECTION REFERENCE

OR

DETAIL REFERENCE

COLUMN LINE NUMBER

ROOM NUMBER

ELEVATION REFERENCE

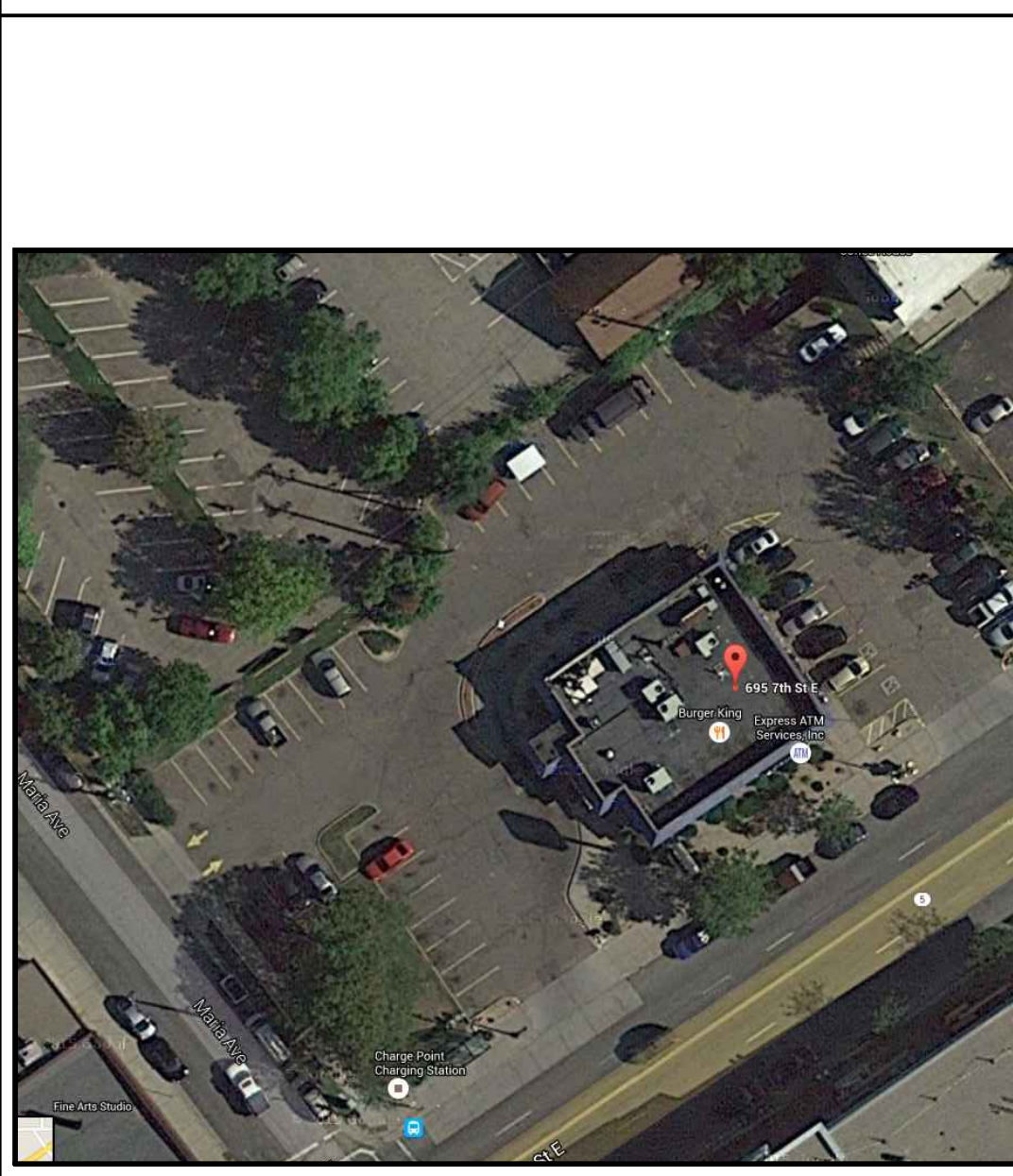
EQUIPMENT NUMBER

ELEVATION

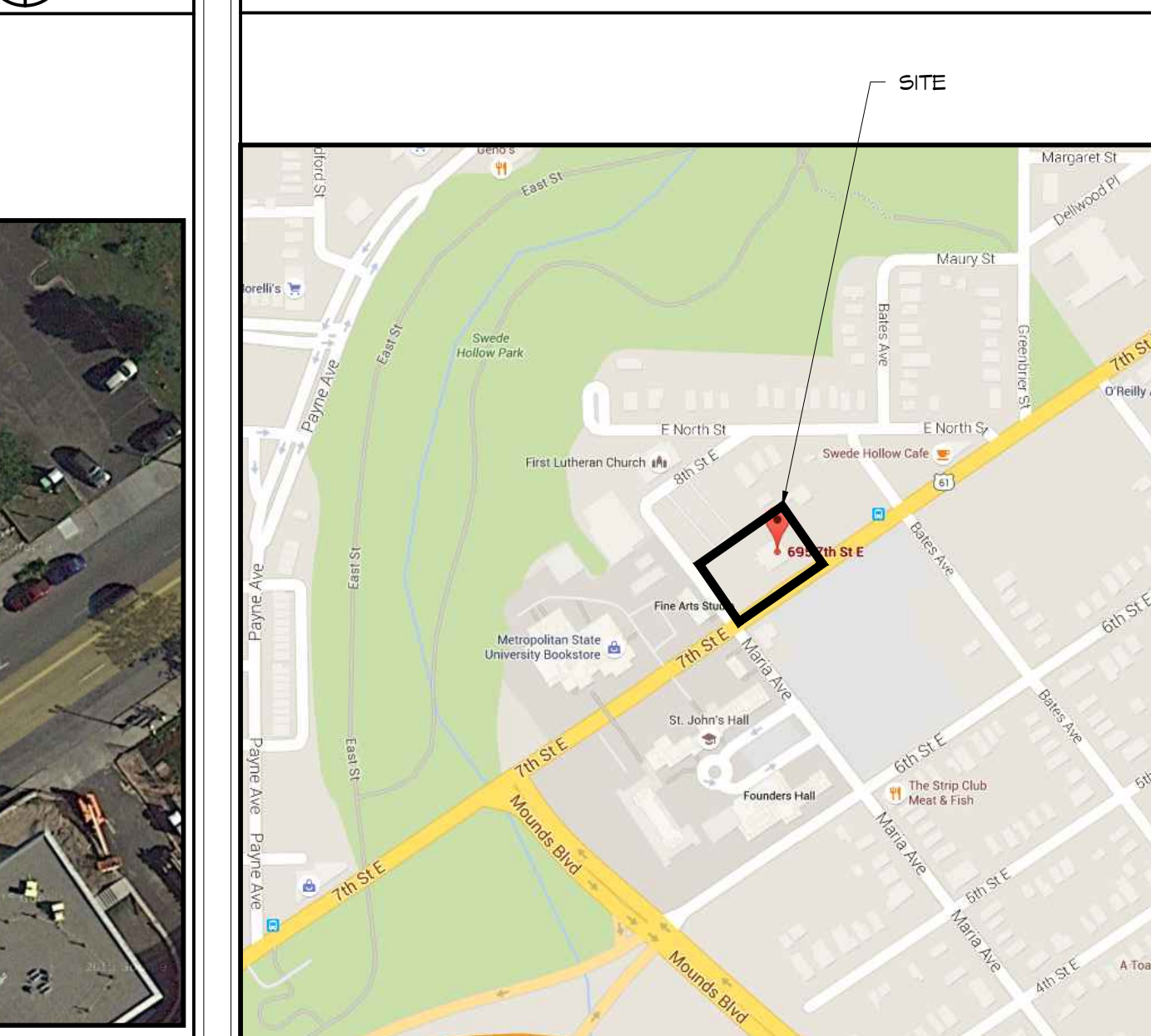
WALL TYPE

DOOR NUMBER

LOCATION MAP



LOCATION PLAN



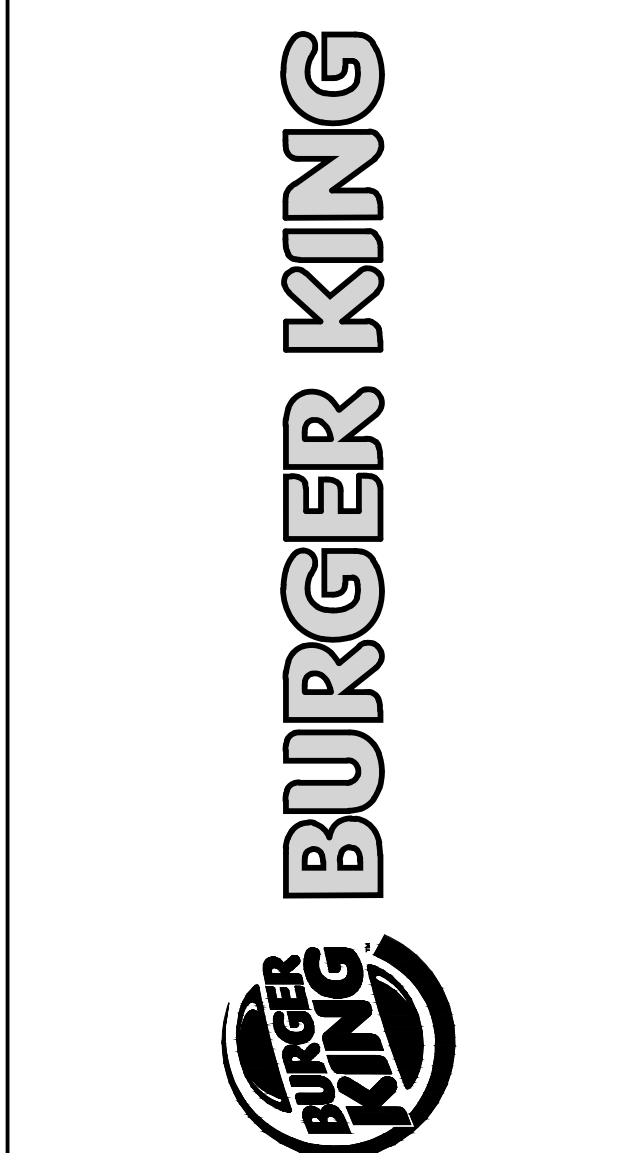
ARCHITECT'S SEAL

STATEMENTS OF COMPLIANCE

THESE DOCUMENTS WERE PREPARED BY "WARREN JOHNSON ARCHITECTS, INC." ACCORDING TO THE TERMS OF THE CONTRACT BETWEEN THIS OFFICE AND THE OWNER, FOR THIS BUILDING PROJECT. THESE DOCUMENTS DO NOT EITHER IN WHOLE OR IN PART CONSTITUTE ANY DIRECTION OR INSTRUCTION TO THE AWARDED GENERAL CONTRACTOR OR AWARDED SUB-CONTRACTORS WITH REGARDS TO CONSTRUCTION MEANS, METHODS OR TECHNIQUES BY THESE DOCUMENTS. THIS ARCHITECT DOES NOT INTEND TO EXPRESS ANY OPINION, DIRECTION OR INSTRUCTION OF ANY KIND WHATSOEVER AS TO THE FINISHED MANNER IN WHICH THE CONSTRUCTION WORK IS TO BE COMPLETED AND/OR RELATED SITE SAFETY ISSUES.

I hereby certify that these drawings were prepared under my direct supervision and to the best of my knowledge comply with the International Building Code.

SIGNED: ARCHITECT
MINNESOTA REGISTRATION NO. 22694
DATE: 2.11.16



ISSUE DATES / REVISIONS		
NO.	DESCRIPTION	DATE
4	CONSTRUCTION SET	4-19-16
3	PLAN REVIEW COMMENTS	3-7-16
2	REVIEW REVISION	2-16-16
1	PERMIT SUBMITTAL	2-11-16

NO. DESCRIPTION DATE

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DRAWN BY: J. THORSTENSON
CHECKED BY: M. JOHNSON
DATE: 12.23.15
PROJECT NO: 15104

BURGER KING
STORE #10284
695 7TH ST. EAST
ST. PAUL, MN 55106

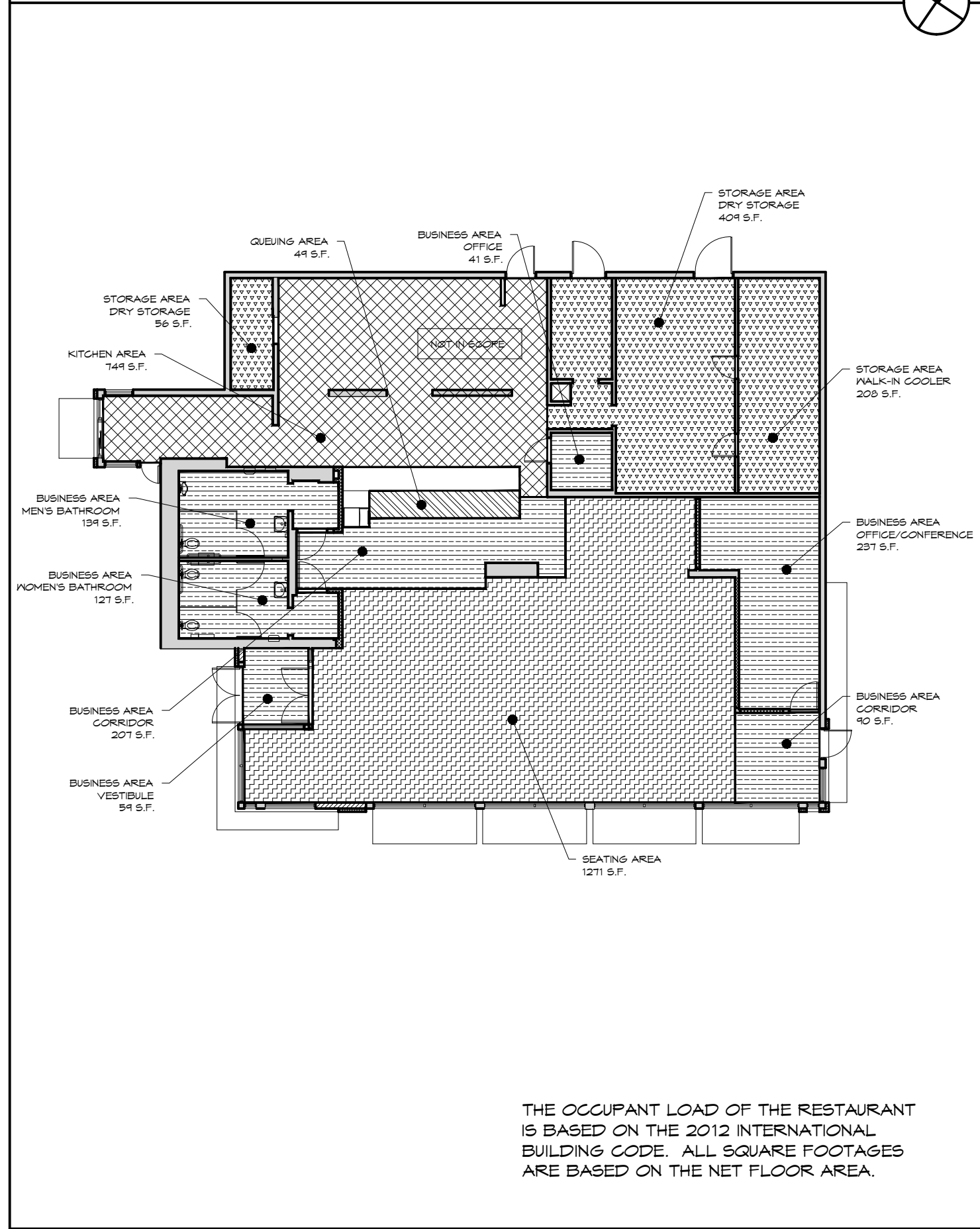
COVER SHEET

SHEET

CS-1

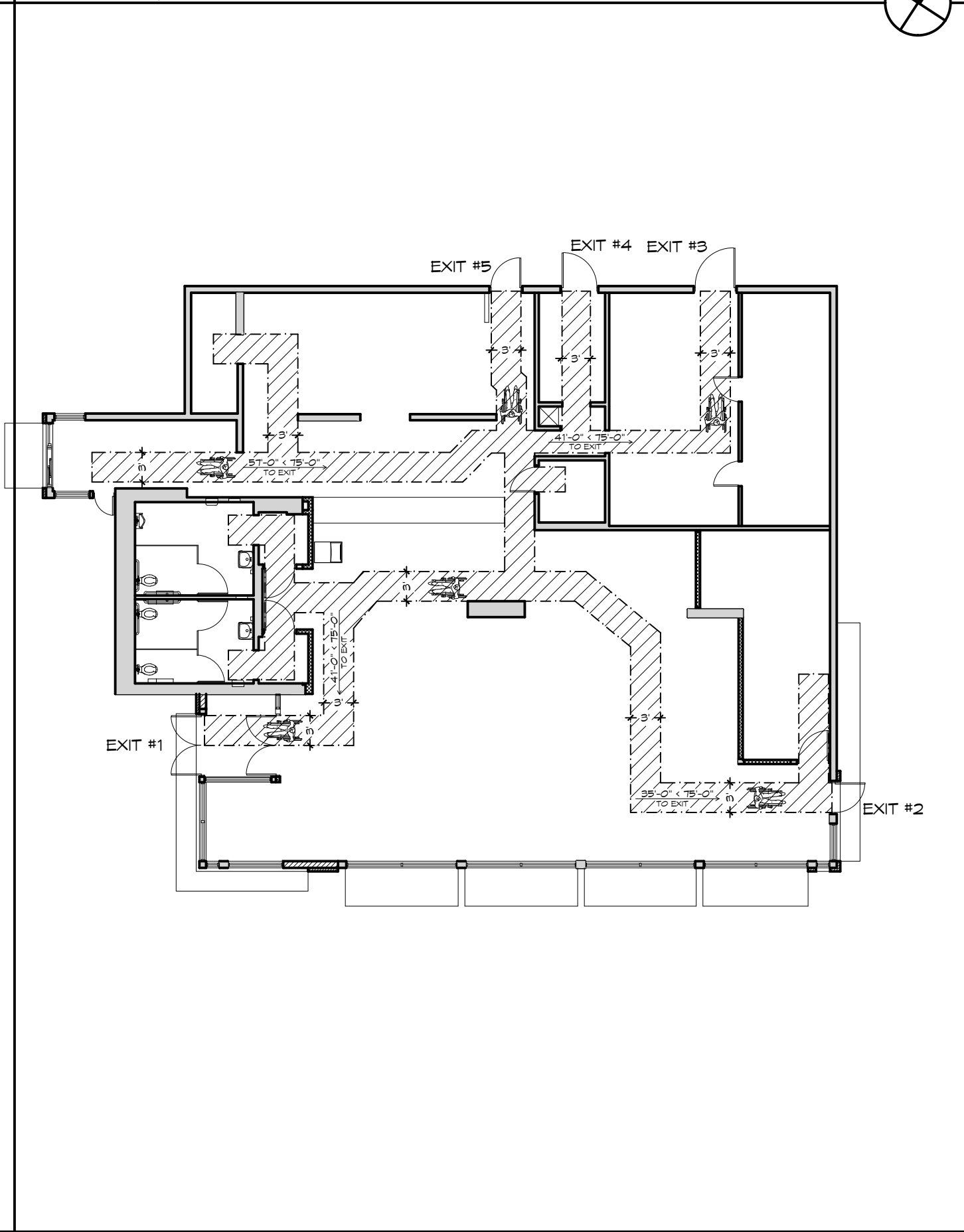
ONE OF TWO

OCCUPANCY PLAN

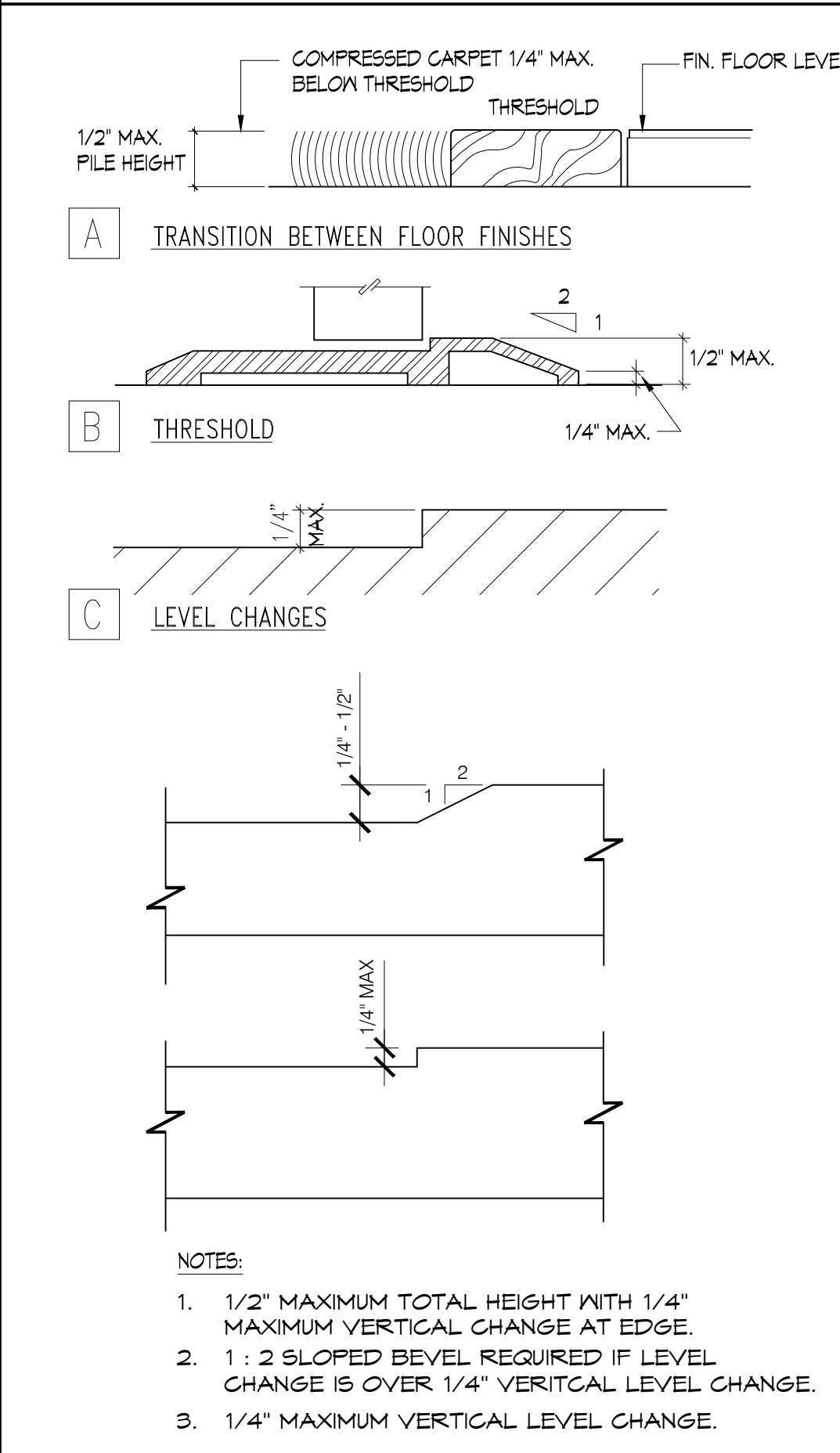


THE OCCUPANT LOAD OF THE RESTAURANT IS BASED ON THE 2012 INTERNATIONAL BUILDING CODE. ALL SQUARE FOOTAGES ARE BASED ON THE NET FLOOR AREA.

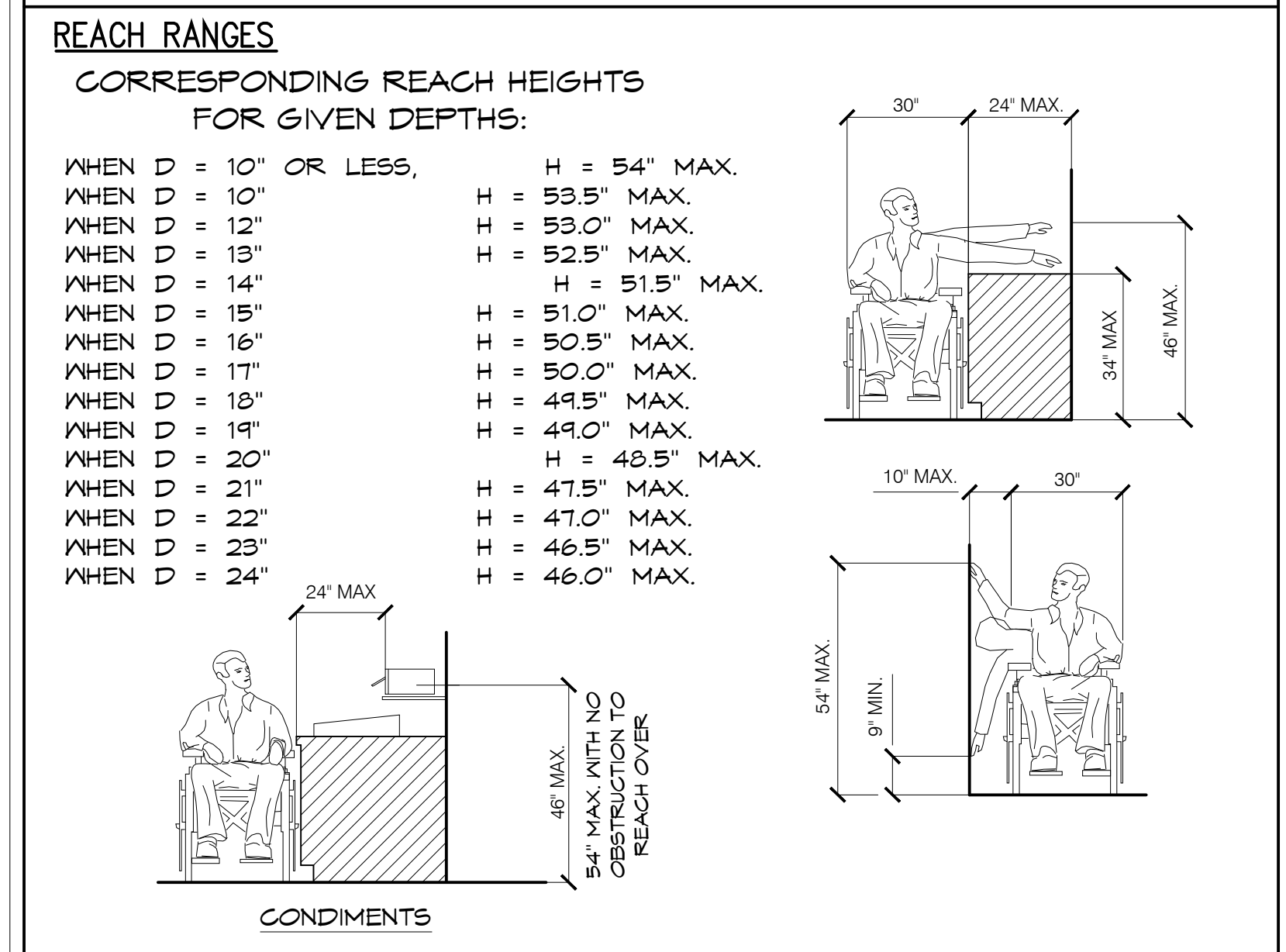
EGRESS / EXIT PLAN



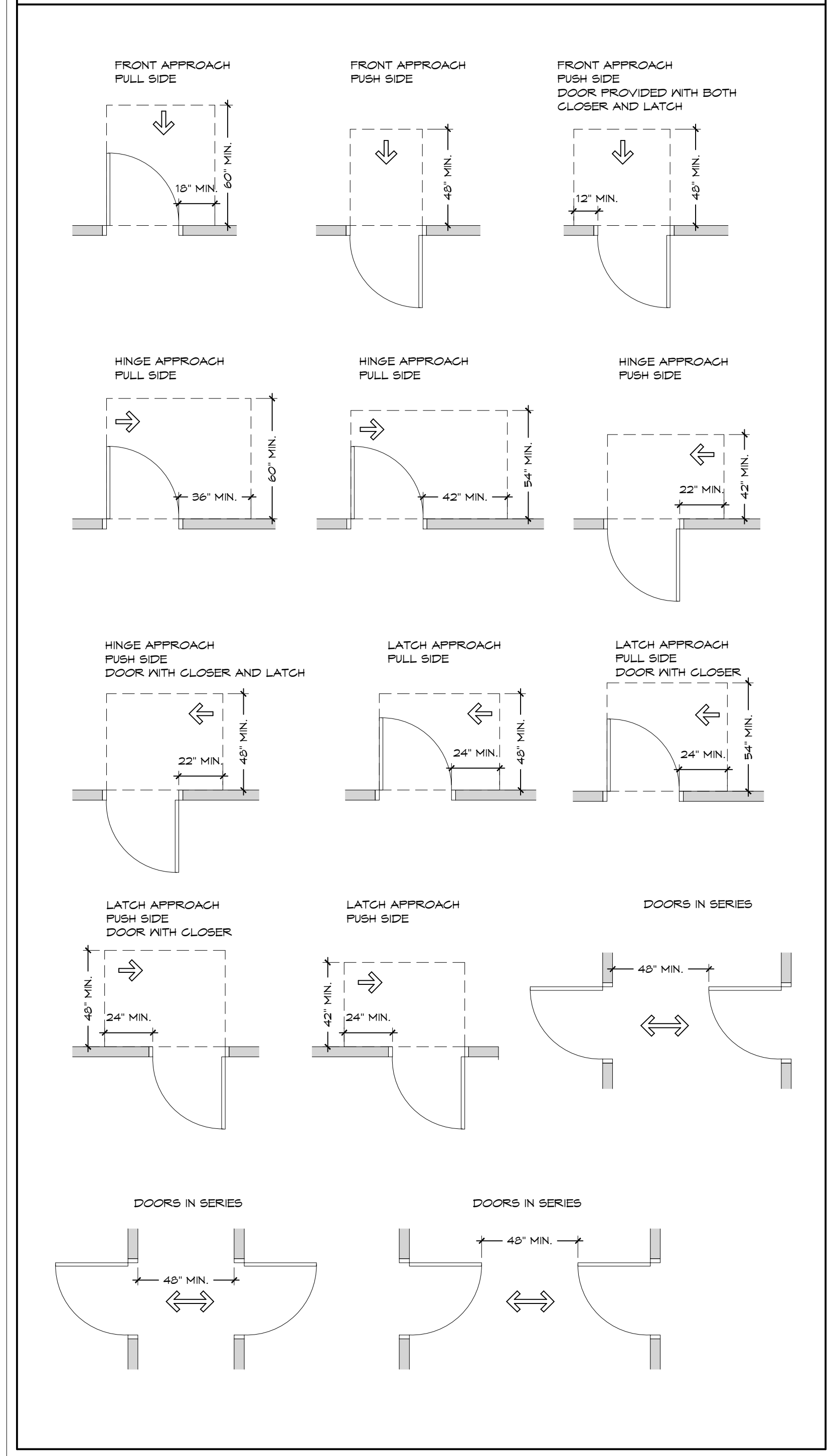
ADA - CHANGES IN LEVEL



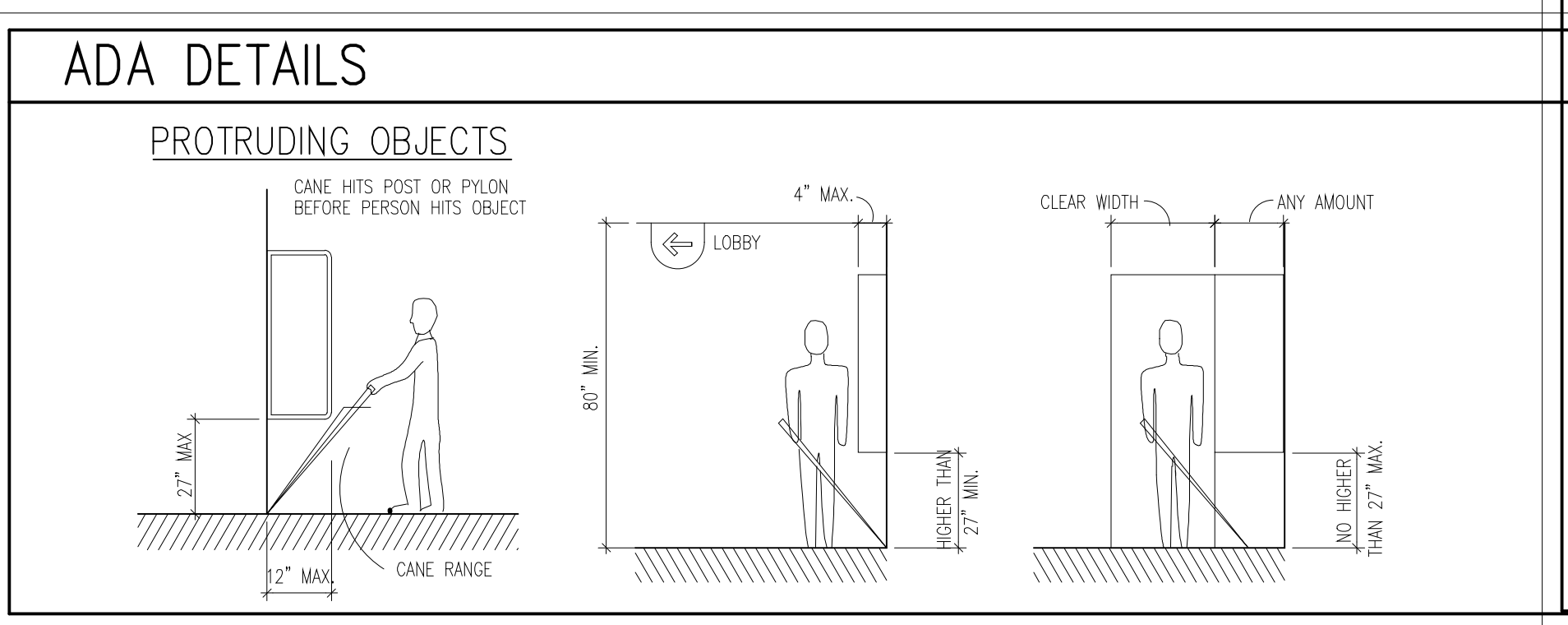
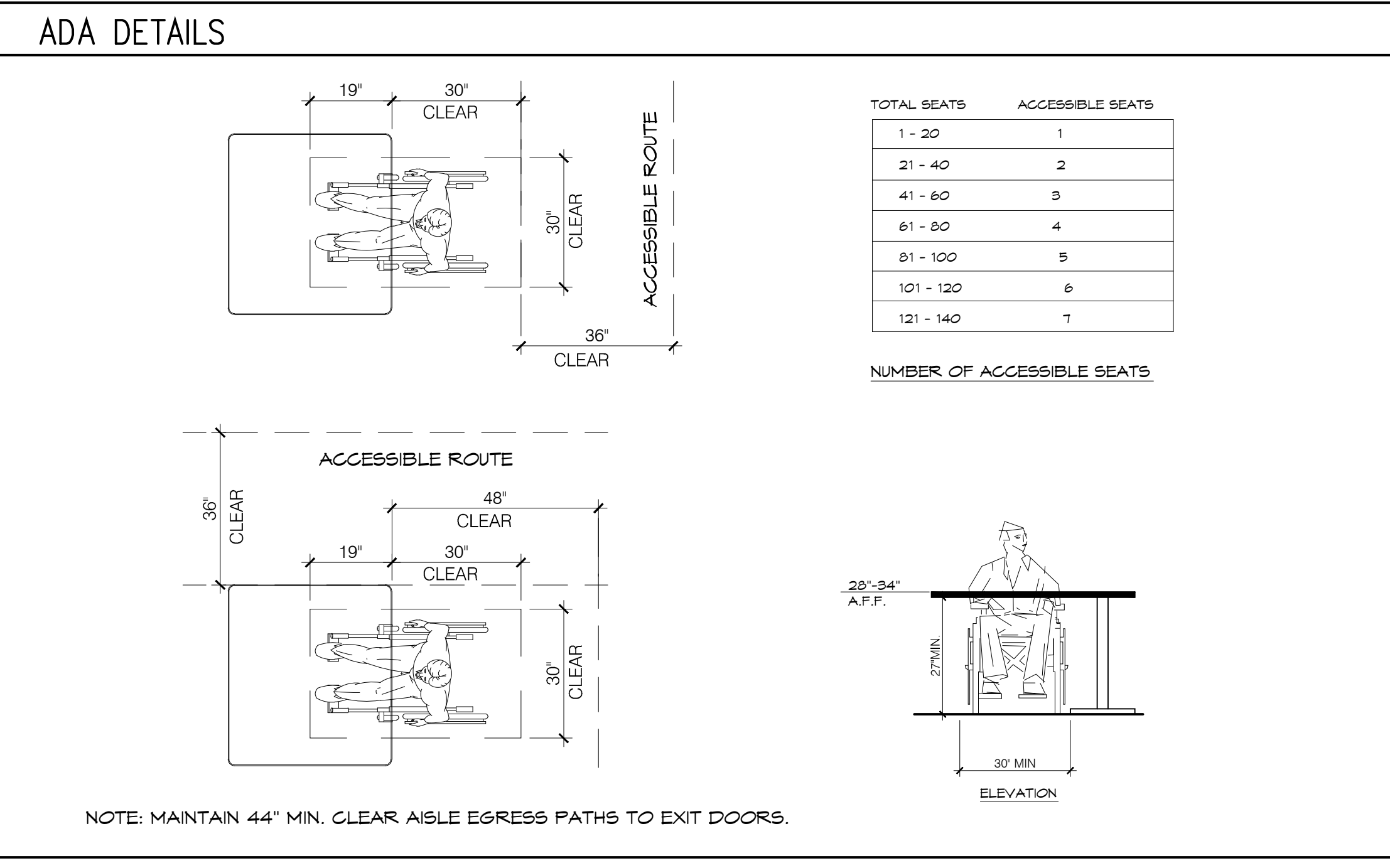
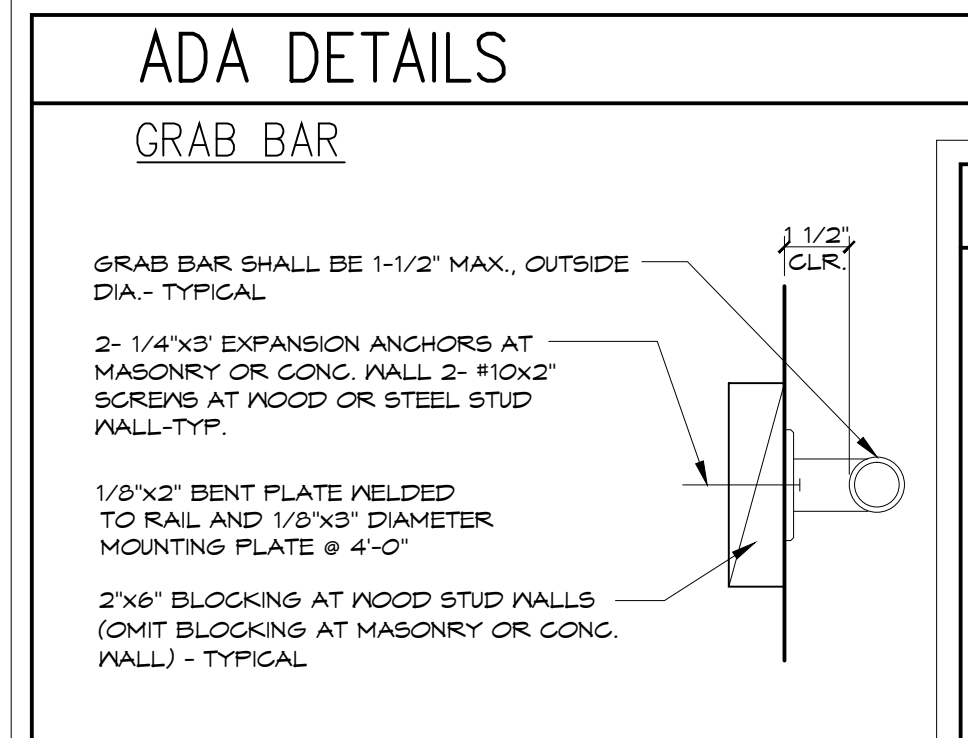
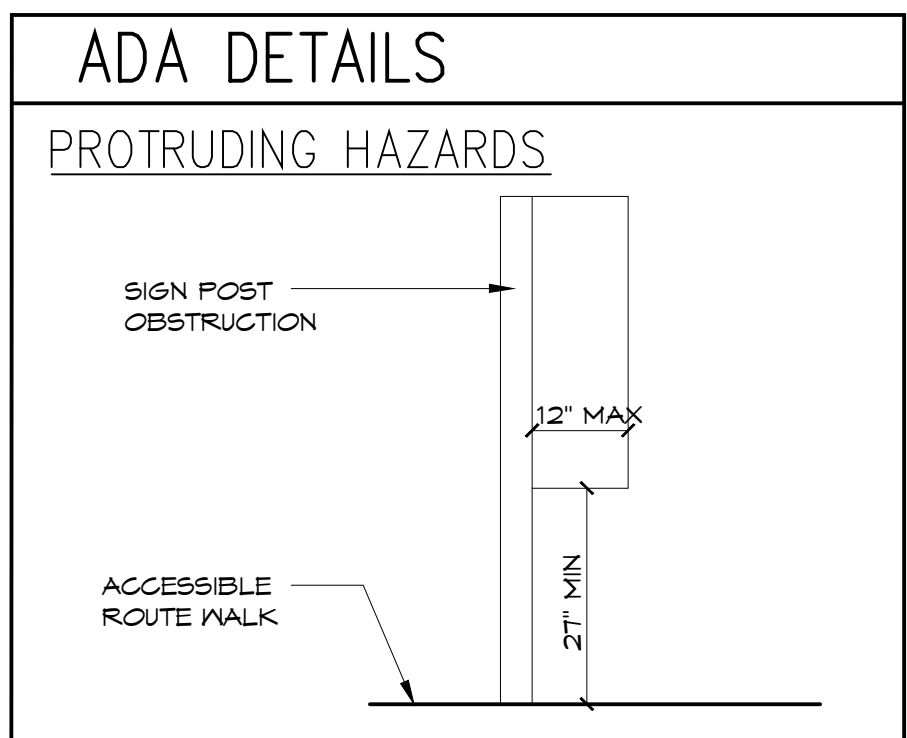
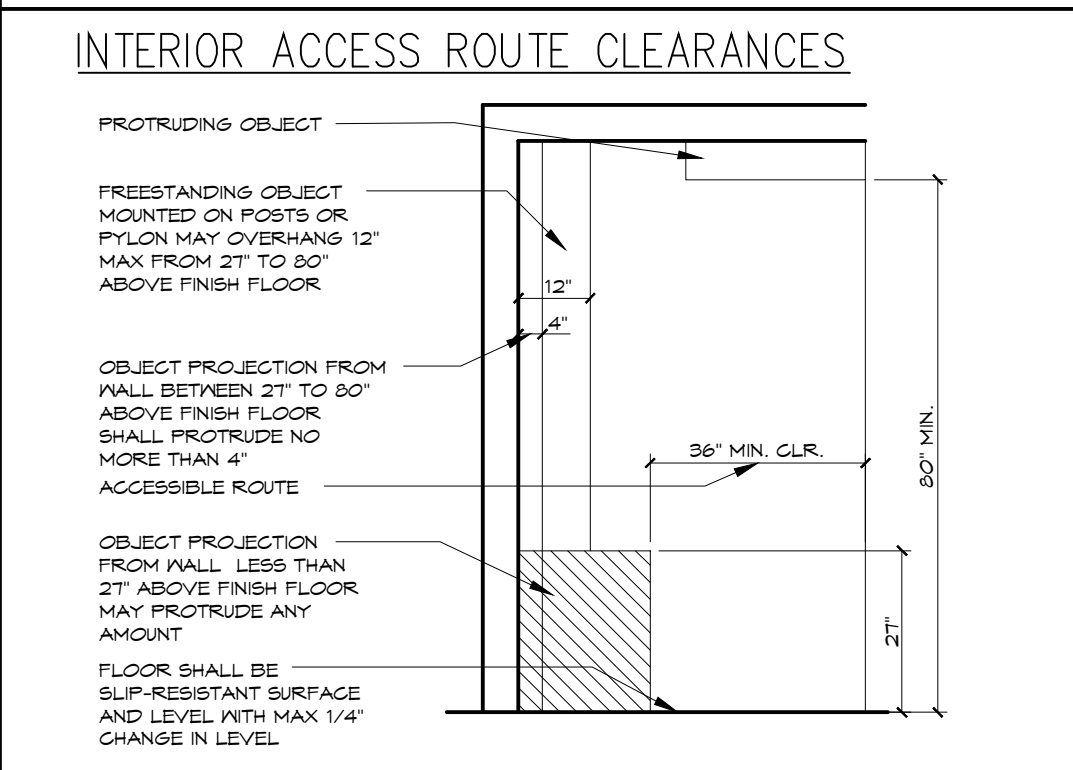
ADA DETAILS



ACCESSIBLE ROUTES AT DOORS

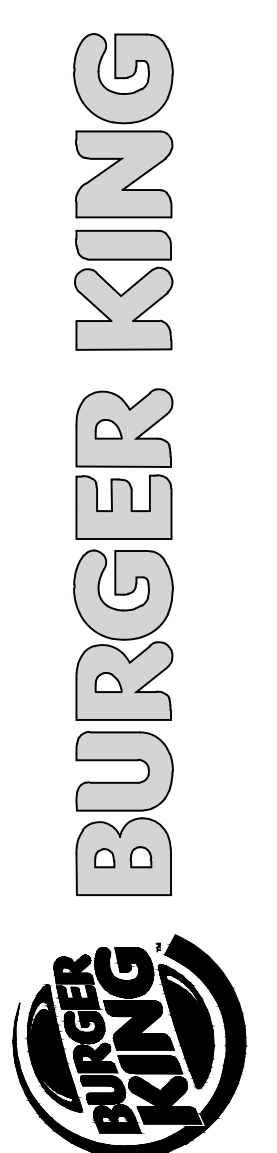


ADA DETAILS



WARREN JOHNSON ARCHITECTS, INC.
 19 N. GREELEY STREET
 PALATINE, ILLINOIS 60067
 TEL. 847.359.9616
 FAX 847.359.9641

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DAILY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
 DATE: _____ REGISTRATION NO. 020694



ISSUE DATES / REVISIONS

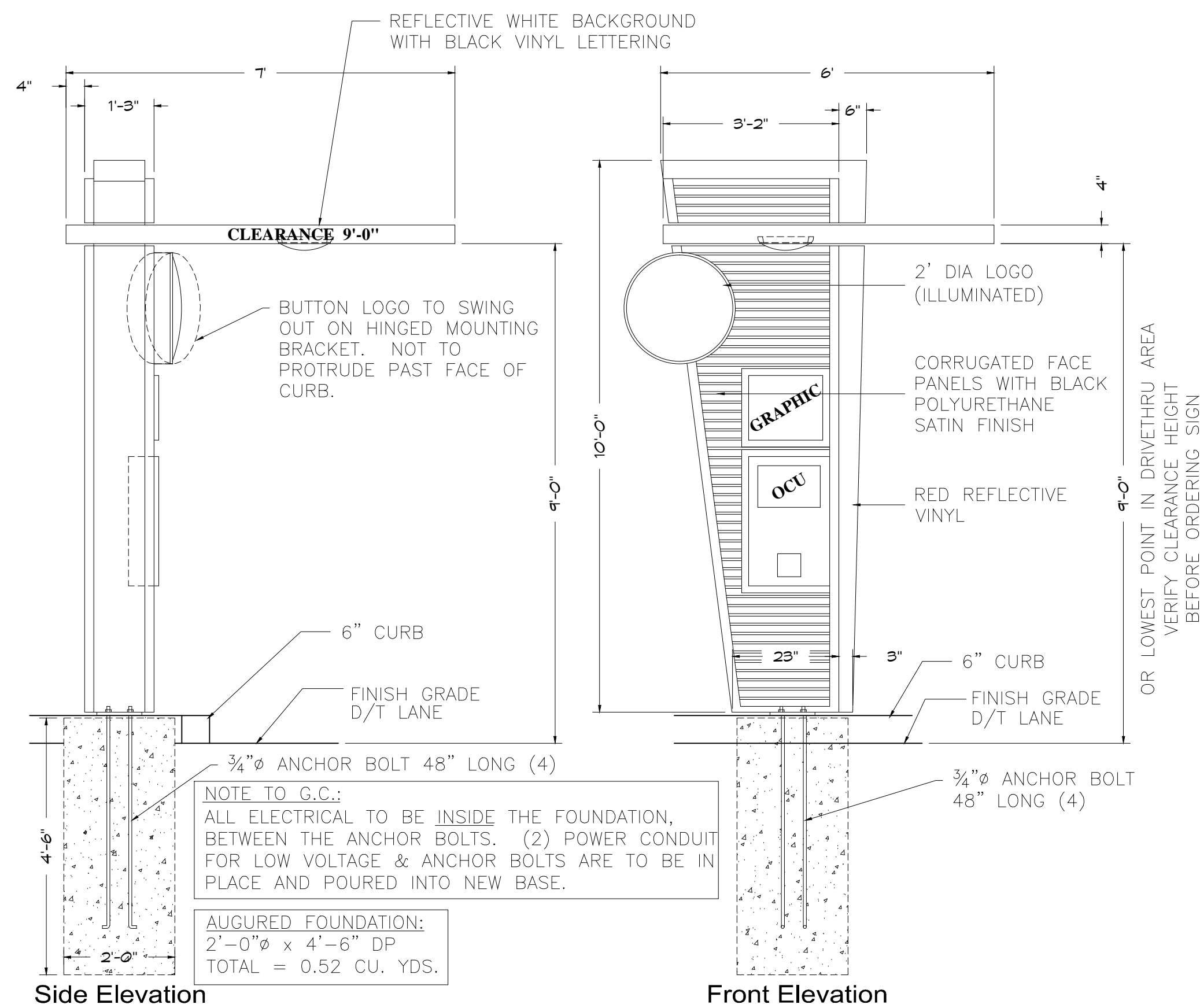
NO.	DESCRIPTION	DATE
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2	REVIEW REVISION	2-16-16
1	PERMIT SUBMITTAL	2-11-16

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 STORE #10284
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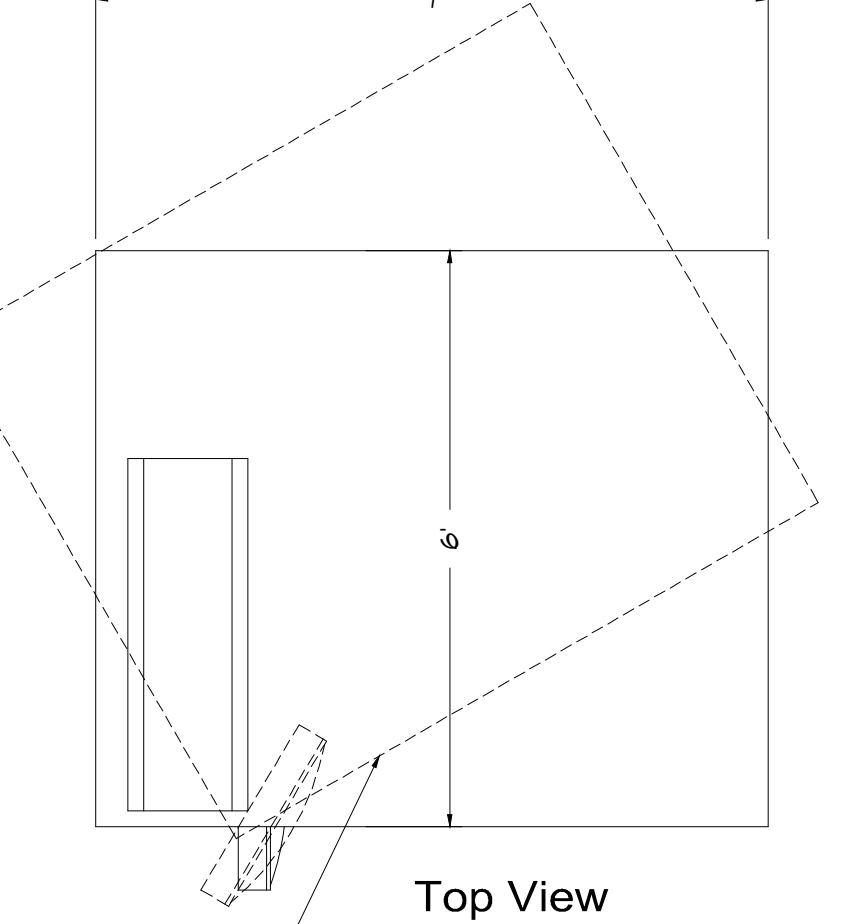
CODE DETAILS

SHEET
CS-2
 TWO OF TWO



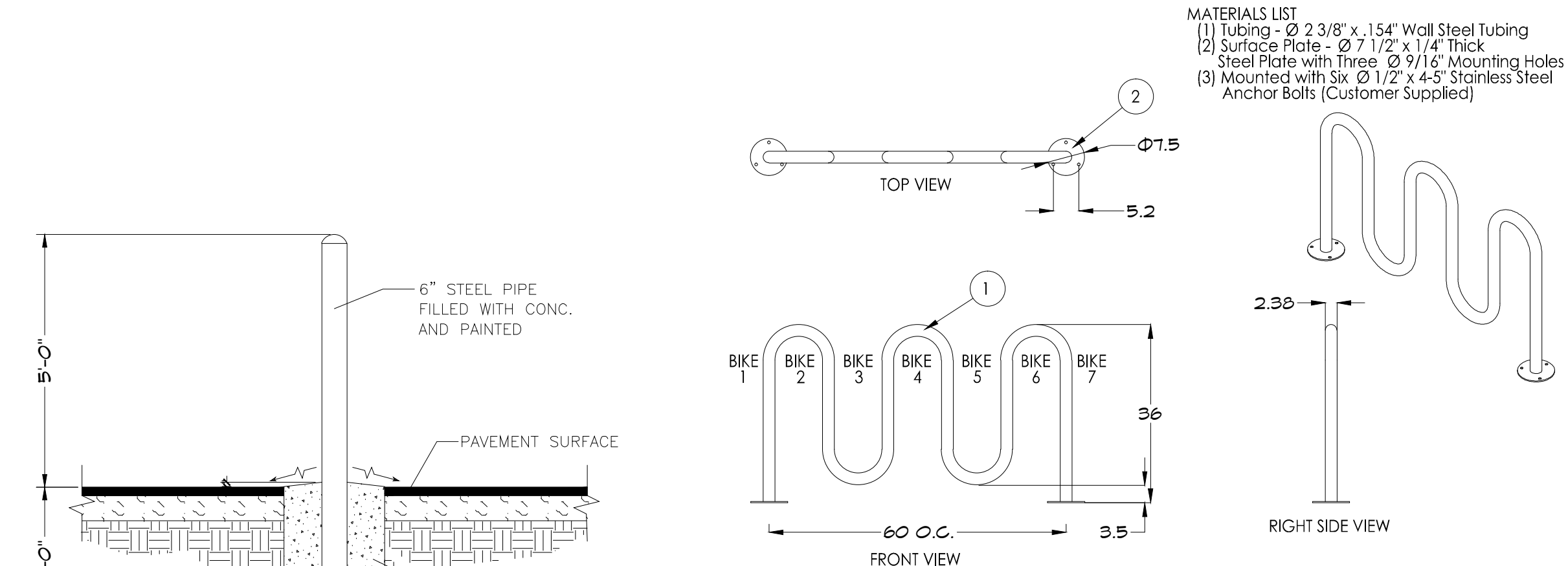
NOTE:
SIGN STRUCTURAL FOUNDATION AS REQUIRED BY SITE CONDITIONS. PLANS TO BE SUBMITTED PRIOR TO ANY INSTALLATION OF PYLONS, MONUMENTS, ETC.

- 120 VOLT 20 AMP ELECTRICAL SUPPLY TO SIGN
- DATA CABLE FOR THE ACCUVIEW DISPLAY
- BACK OF SIGN TO BE REMOVABLE FOR SERVICE ACCESS
- (2) 1/2" HEAVY WALL CONDUIT



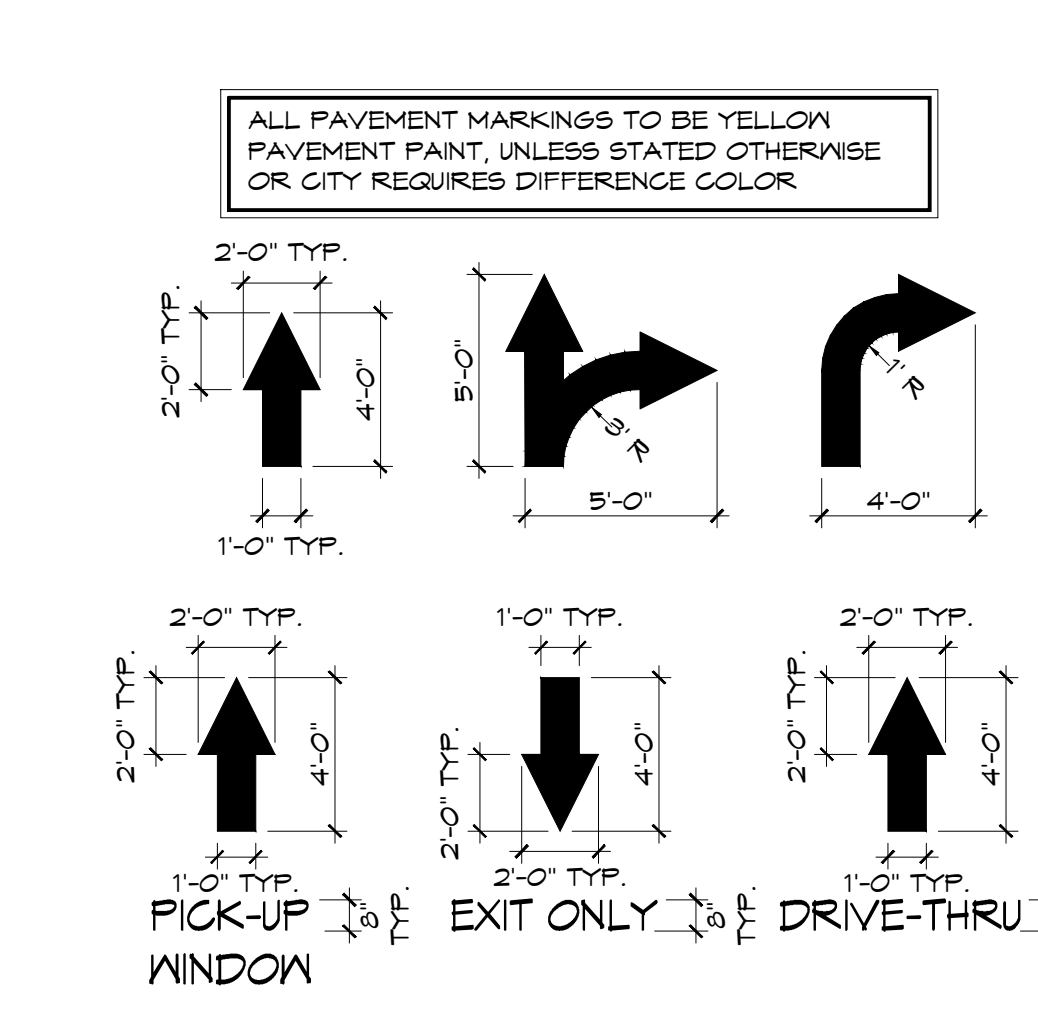
TOP UNIT IS DESIGNATED TO SWING AWAY IF HIT BY A VEHICLE. MUST ROTATE.

1 ORDER CONFIRMATION UNIT DETAILS
SCALE: 1/2" = 1'-0"



4 BIKE RACK
SCALE: N.T.S.

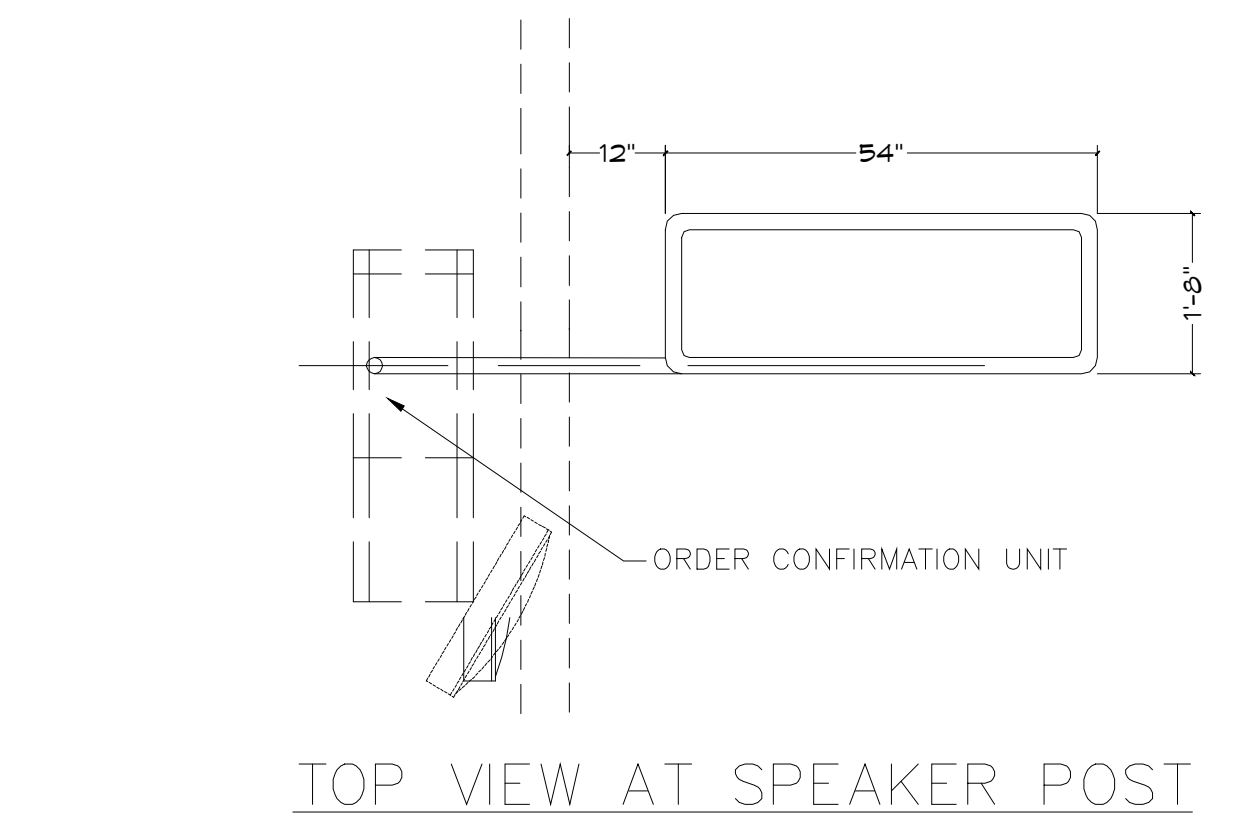
3 BOLLARD DETAIL
SCALE: N.T.S.



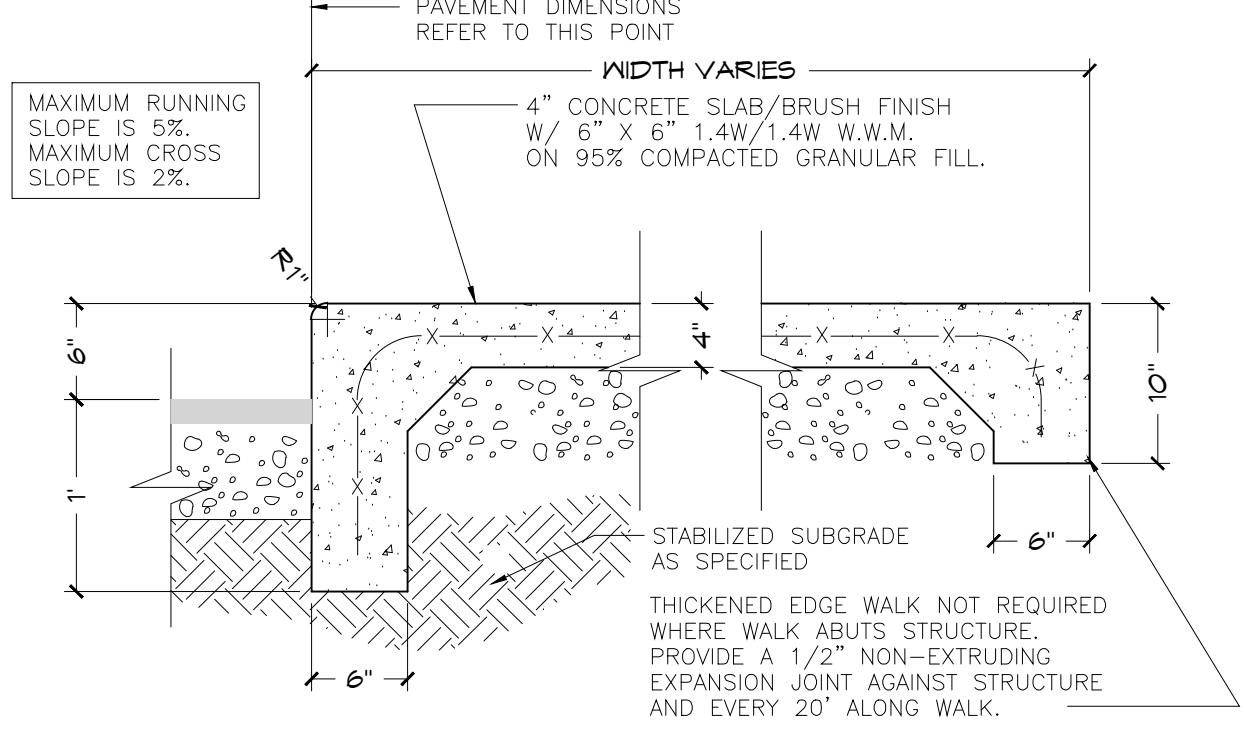
7 PAVEMENT MARKINGS
SCALE: 1/4" = 1'-0"

GENERAL NOTES

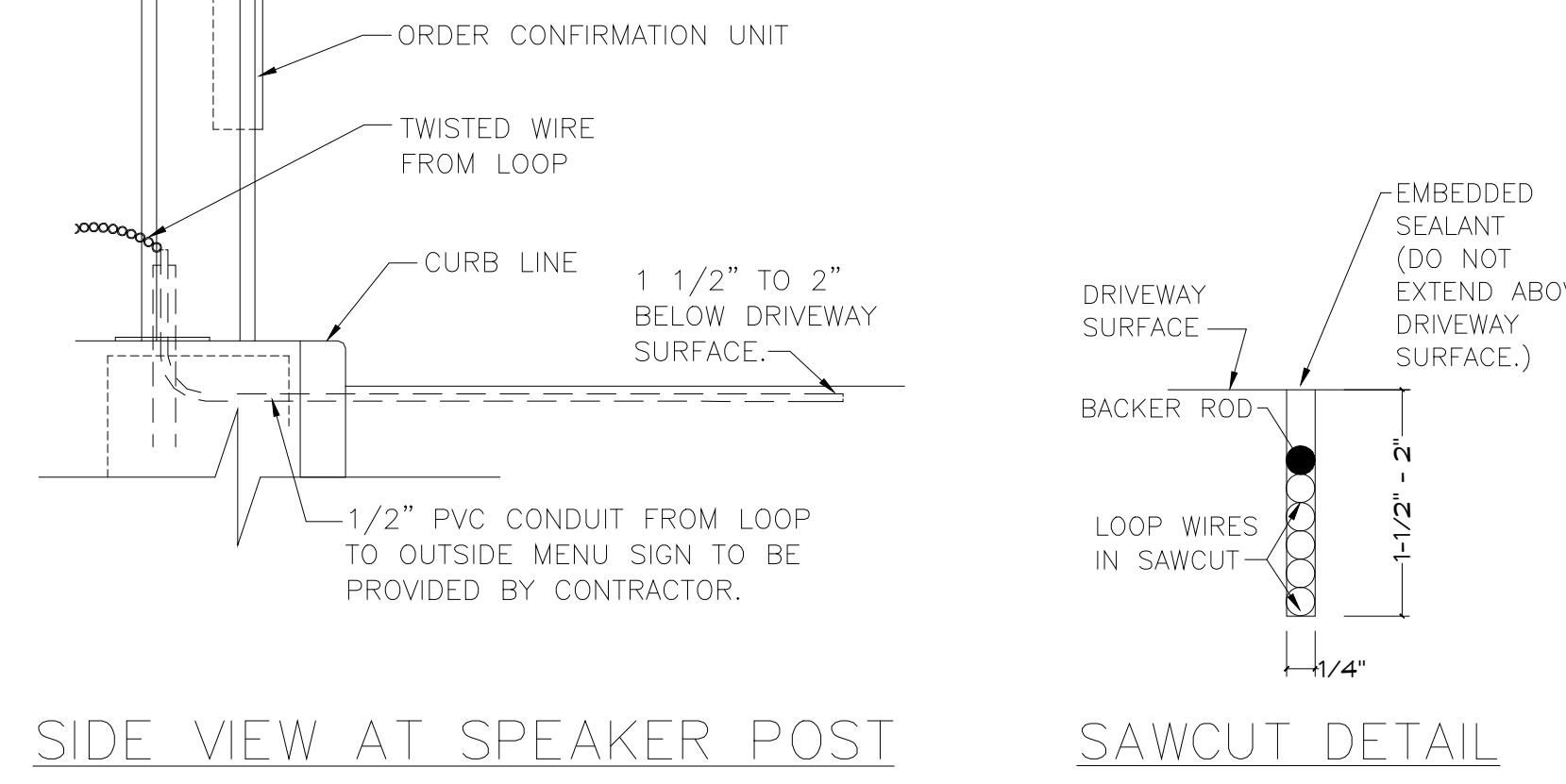
- RESEAL ENTIRE PARKING LOT, RESTRIPE LOT AS SHOWN ON SITE PLAN. STRIPING TO COMPLY WITH CODE REQUIREMENTS.
- PARKING LOT STRIPING TO BE WITH LEAD-FREE HEAVY YELLOW ZONE MARKING PAINT, SPRAY APPLIED AS SHOWN ON SITE PLAN.
- FILL ALL CRACKS OVER 3/8" WITH ELASTOMERIC FILL TYP.
- AT HANDICAPPED ACCESSIBLE STALLS ONLY, G.C. TO PROVIDE A MAX. 2% (1:50) SLOPE IN ANY DIRECTION FOR THE ENTIRE LENGTH OF STALL AND ACCESSIBLE AISLE.
- G.C. TO INSURE ALL EXTERIOR FIXTURES ARE PROPERLY COVERED. G.C. TO TEST AND MAKE RIGHT ALL FIXTURE CIRCUITS.
- AT THE ADA PATH OF EGRESS SIDEWALKS, IT IS THE RESPONSIBILITY OF THE G.C. TO VERIFY THAT THE EXISTING/NEW GRADES MEET ADA COMPLIANCE. IT IS THE RESPONSIBILITY OF THE G.C. TO MODIFY THE GRADES TO MEET ADA COMPLIANCE. G.C. TO REQUEST ADDITIONAL ENGINEERING (IF NEEDED) ON DAY (1) OF CONSTRUCTION.



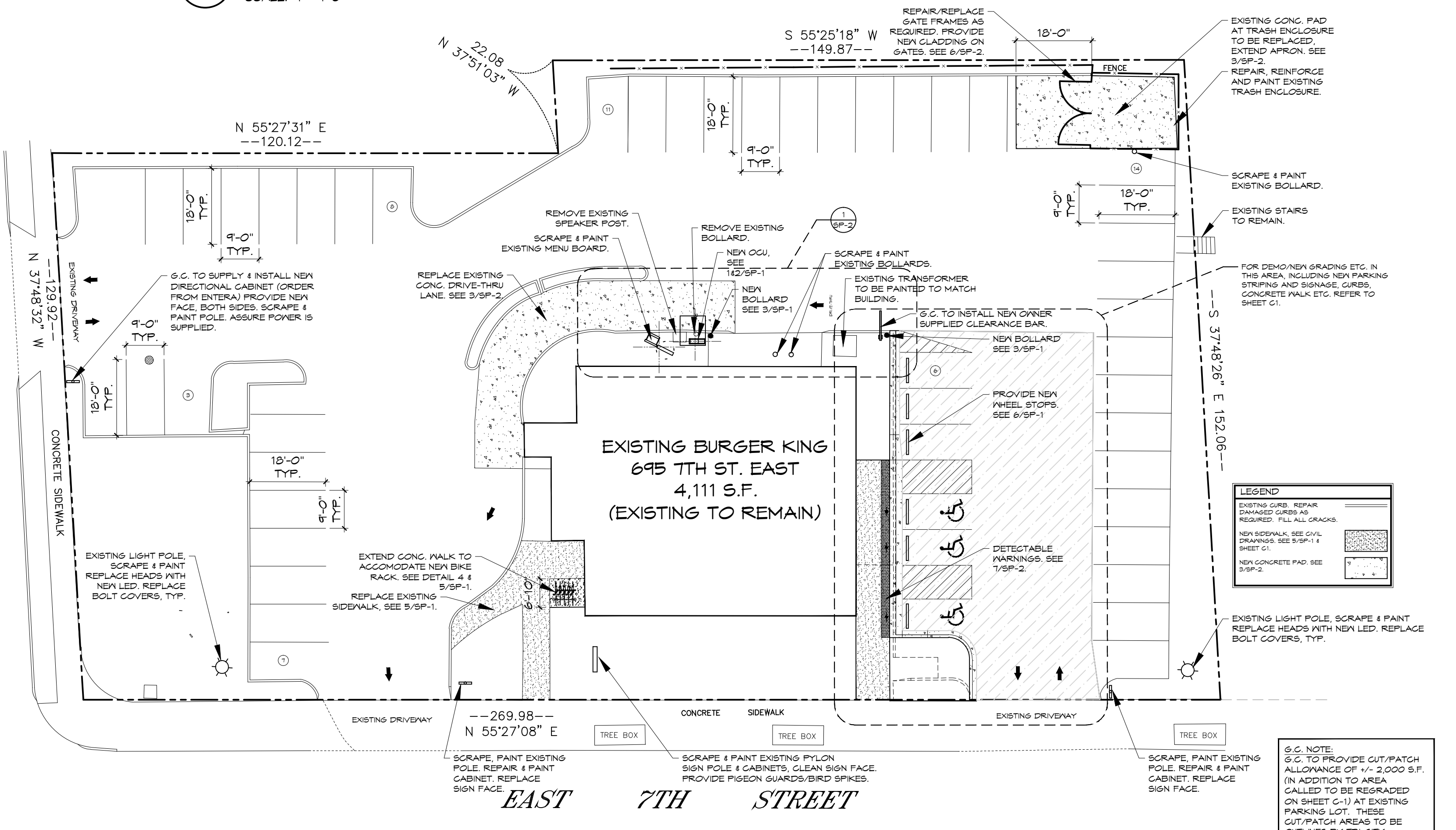
2 DETECTOR LOOP DETAILS
SCALE: 1/2" = 1'-0"



5 SIDEWALK DETAIL
SCALE: 1" = 1'-0"

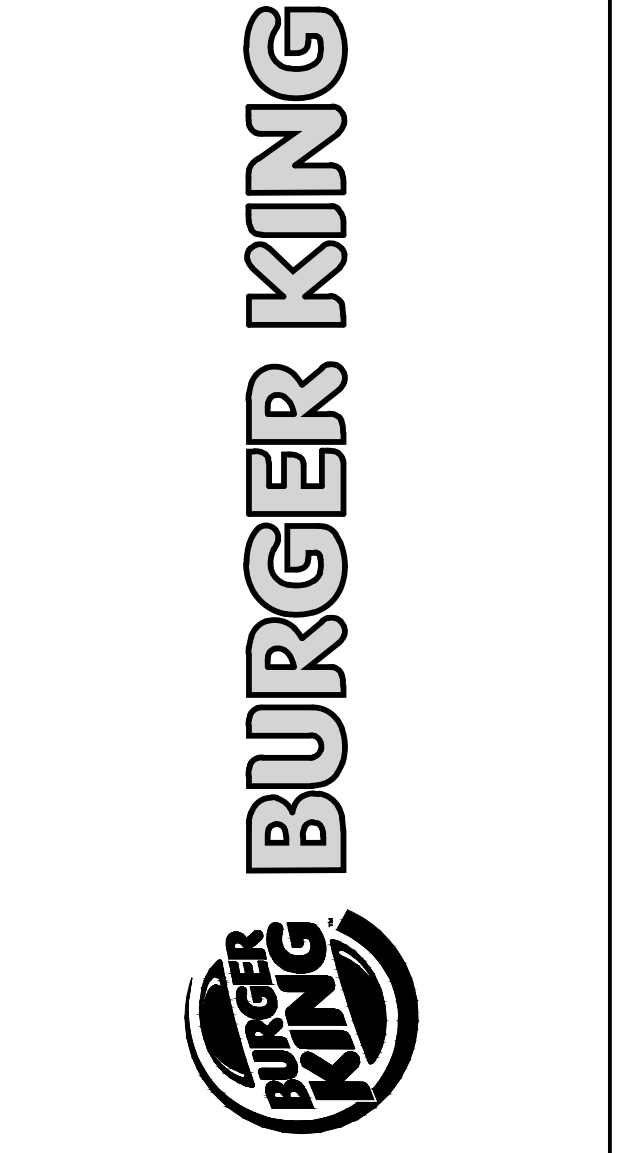


6 CONCRETE PARKING BUMPER
SCALE: 1" = 1'-0"



SITE PLAN
SCALE: 1" = 20'

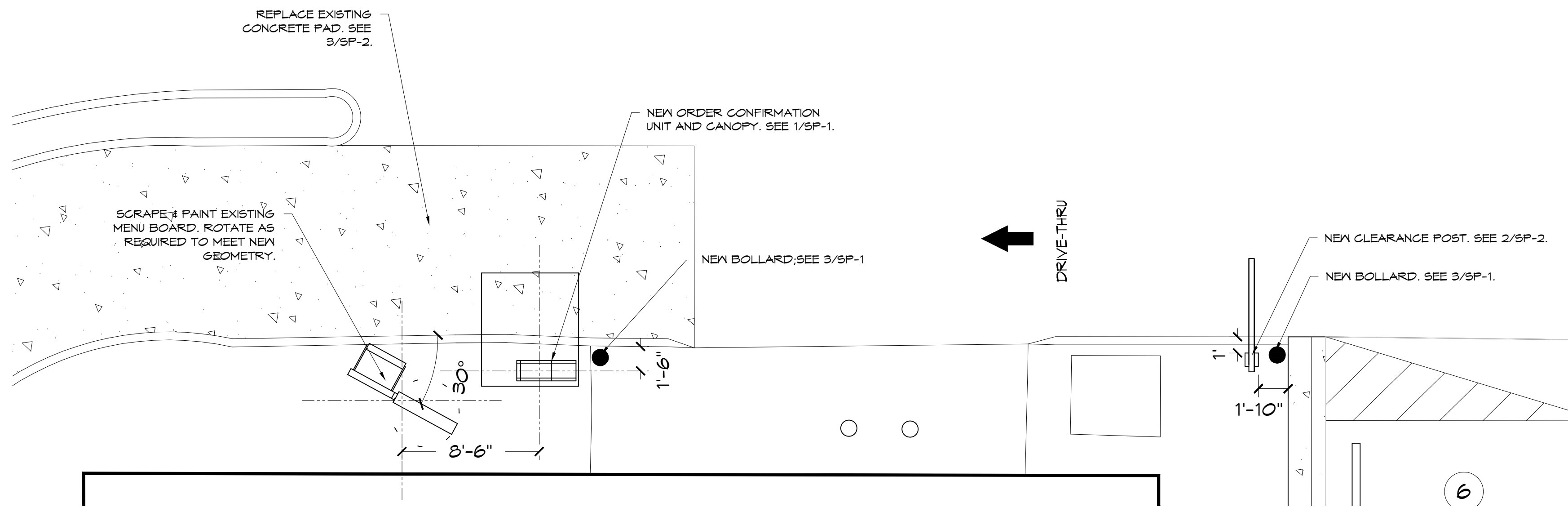
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
DATE: _____ REGISTRATION NO. 020694



ISSUE DATES / REVISIONS		
4	CONSTRUCTION SET 4-19-16	
3	PLAN REVIEW COMMENTS 3-7-16	
2	REVIEW REVISION 2-16-16	
1	PERMIT SUBMITTAL 2-11-16	
NO.	DESCRIPTION	DATE
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DRAWN BY:	J. THORSTENSON	
CHECKED BY:	M. JOHNSON	
DATE:	12.23.15	
PROJECT NO:	15104	

BURGER KING STORE #10284
695 7TH ST. EAST
ST. PAUL, MN 55106

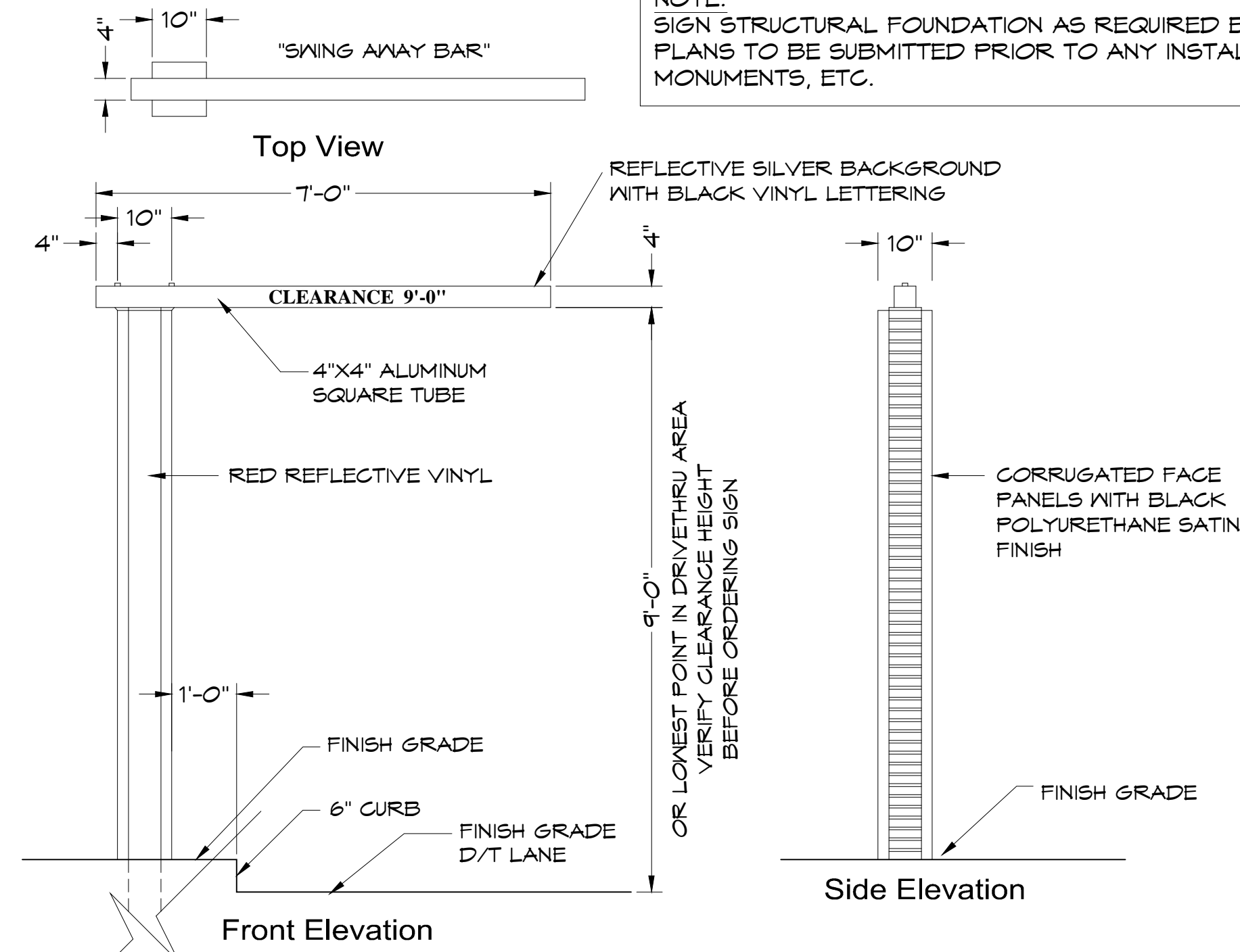
SITE PLAN & DETAILS



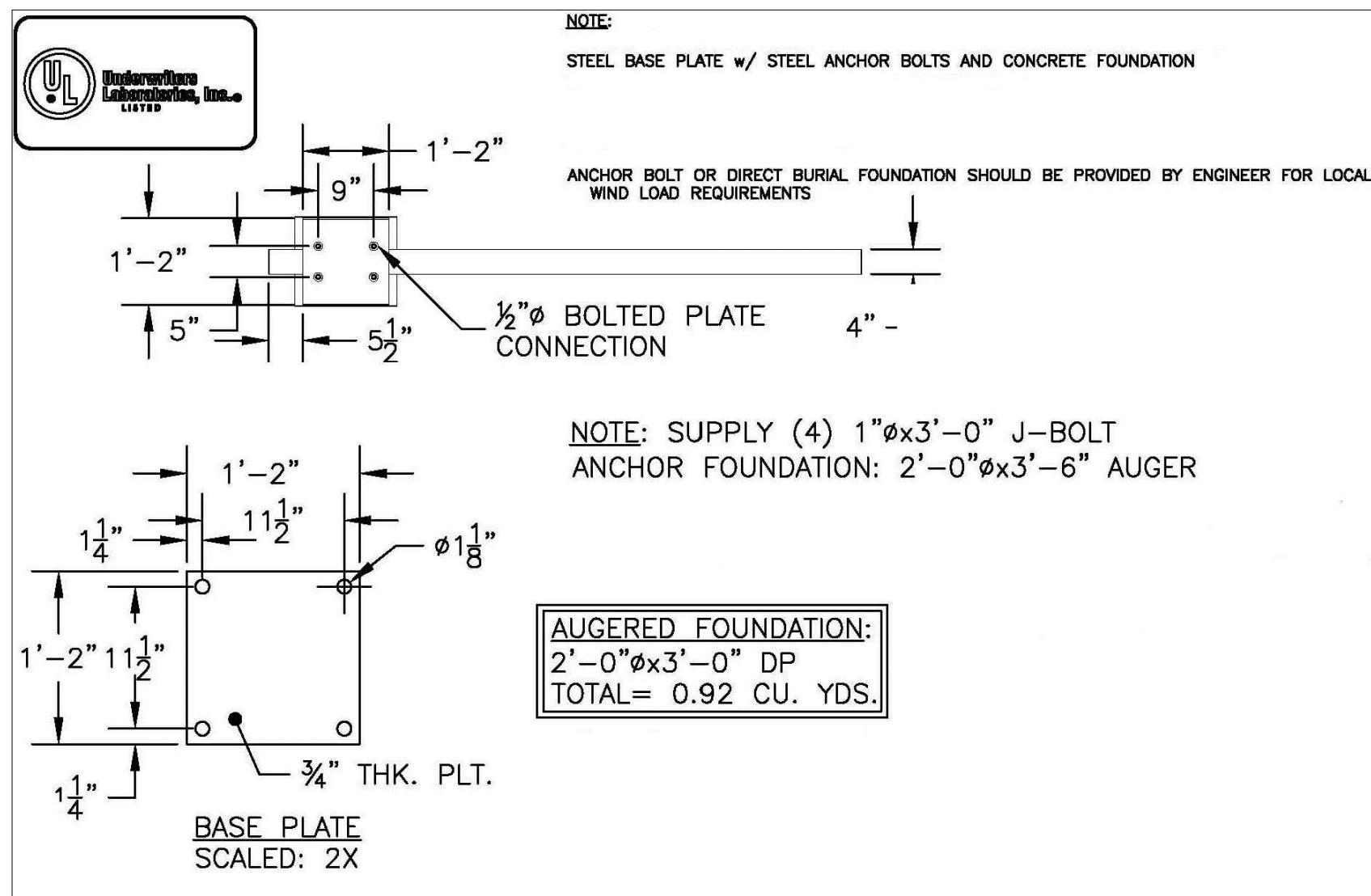
1 DRIVE THRU LANE
SP-2 SCALE: 3/16" = 1'-0"

NOTE:
CLEARANCE POST IS OWNER SUPPLIED, G.C. INSTALLED.

NOTE:
SIGN STRUCTURAL FOUNDATION AS REQUIRED BY SITE CONDITIONS. PLANS TO BE SUBMITTED PRIOR TO ANY INSTALLATION OF PYLONS, MONUMENTS, ETC.



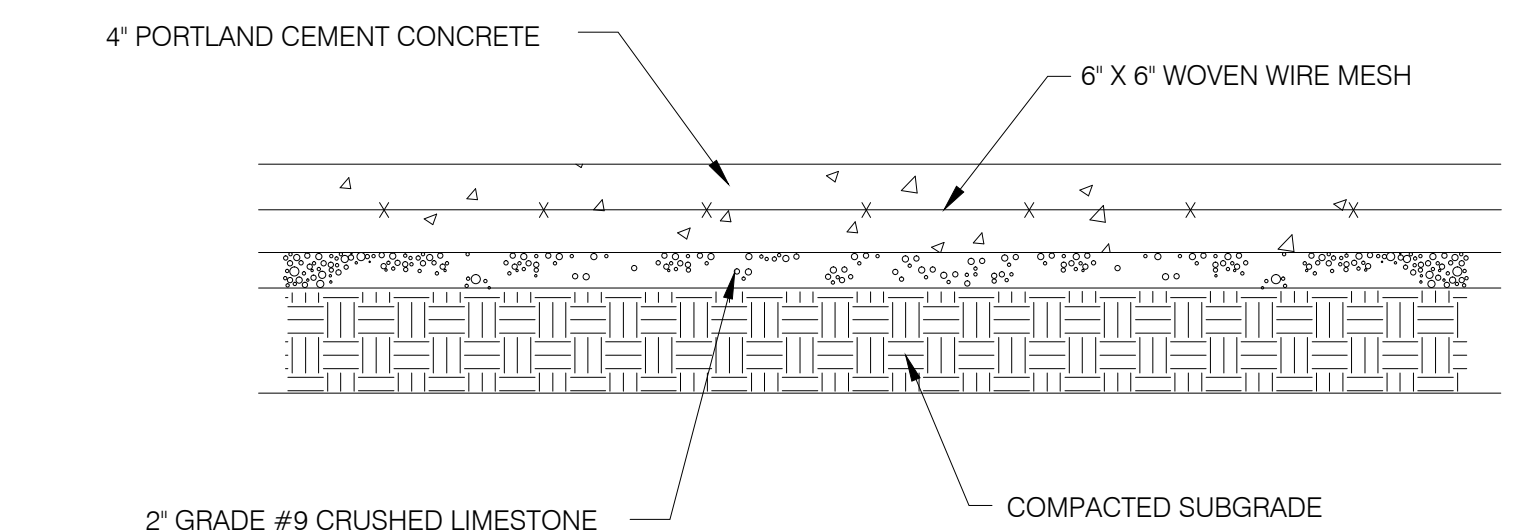
2 CLEARANCE POST DETAILS
SP-2 SCALE: 1/2" = 1'-0"



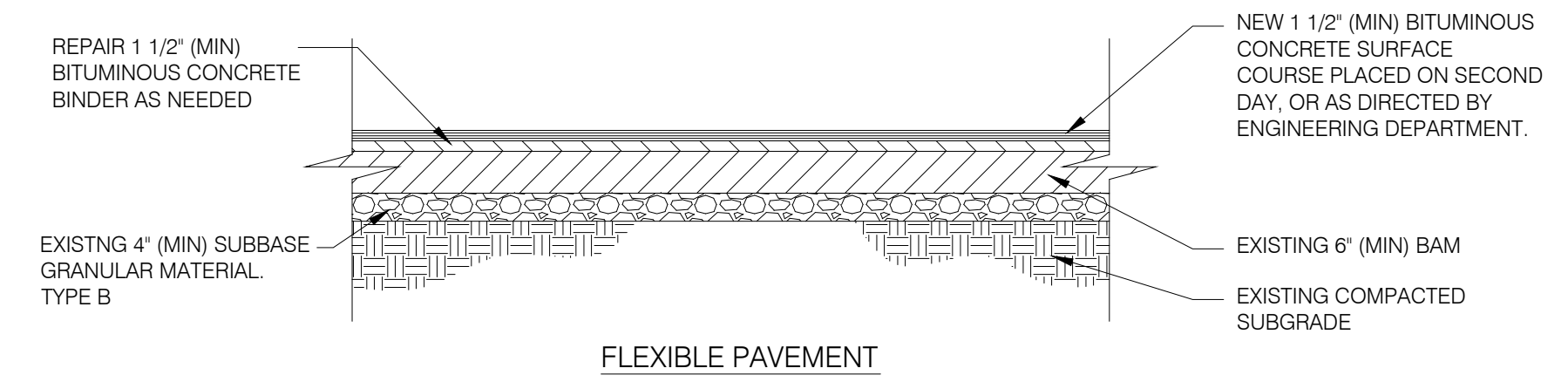
PAVEMENT NOTE

SECTIONS REPRESENT THE MINIMUM CROSS SECTION ALLOWED. PAVEMENT DESIGN IS PERFORMANCE BASED AS OUTLINED IN SECTION IV G.5.

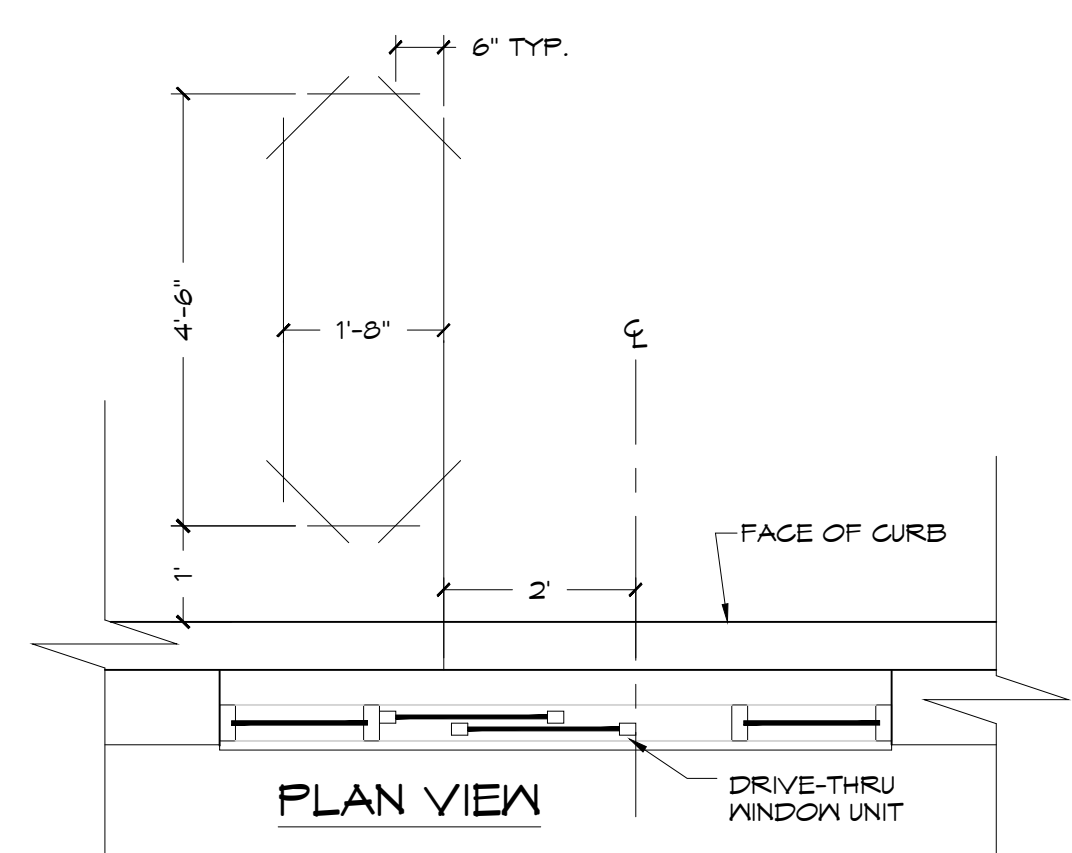
1. BITUMINOUS CONCRETE SURFACE COURSE SHALL CONFORM TO IDOT MIXTURE D, CLASS 1, TYPE 2 (NO RAP ALLOWED). FOR ADT LESS THAN 400, USE MIXTURE C, CLASS 1, TYPE 3.
2. BITUMINOUS CONCRETE BINDER COURSE SHALL CONFORM TO IDOT MIXTURE B, TYPE 2.
3. BITUMINOUS AGGREGATE MIXTURE (BAM) SHALL CONFORM TO IDOT MARSHALL STABILITY OF 1700.
4. PORTLAND CEMENT CONCRETE SHALL CONFORM TO IDOT CLASS PV, MIN. 3500 PSI (6.1 BAG MIX) AT 14 DAYS, WITH 5% TO 8% AIR ENTRAINMENT.
5. ALL SUBGRADE SHALL HAVE A MINIMUM ILLINOIS BEARING RATIO (IBR) OF 3.0, AND BE COMPACTED TO AT LEAST 90% MODIFIED PROCTOR DENSITY (ASTM D-1557).
6. MAINTAIN ALL EXISTING GRADES AND ELEVATIONS.
7. REPAIR CATCH BASIN RIMS AS NEEDED.



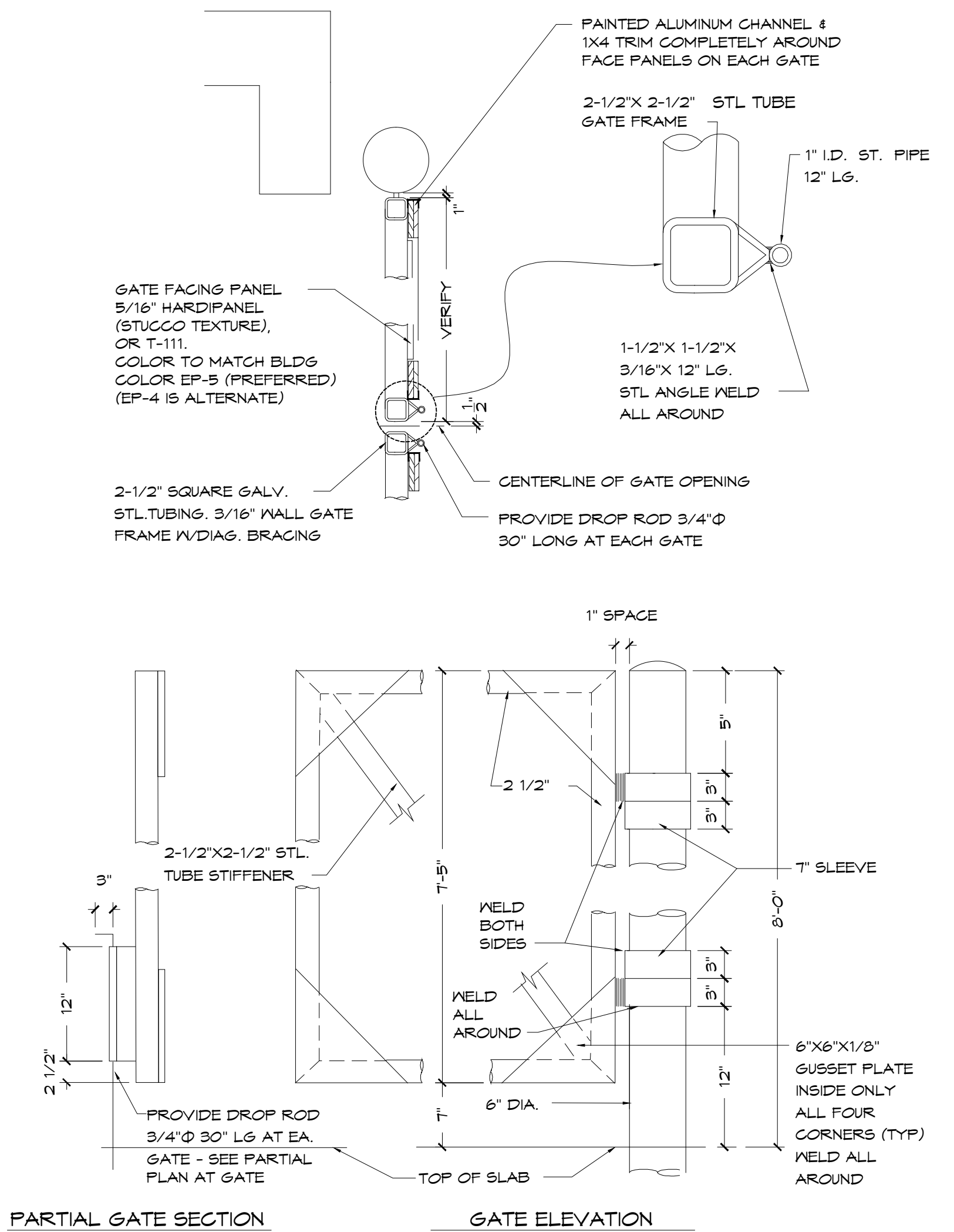
3 CONCRETE PAD DETAIL
SP-2 SCALE: N.T.S.



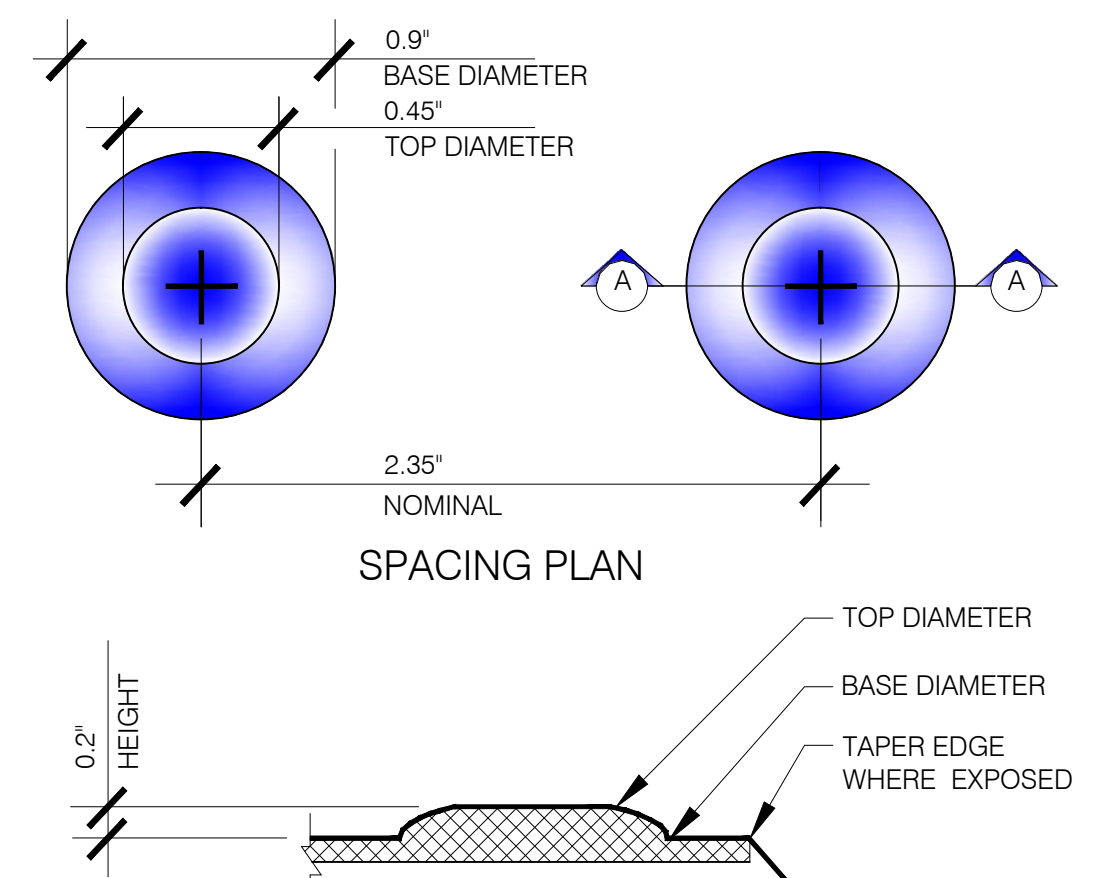
4 FLEXIBLE PAVEMENT DETAIL
SP-2 SCALE: N.T.S.



5 LOOP DETAIL
SP-2 SCALE: 1/2" = 1'-0"



6 GATE FRAME DETAIL
SP-2 SCALE: 1" = 1'-0"



7 DETECTABLE WARNINGS
SP-2 SCALE: N.T.S.

WARREN JOHNSON ARCHITECTS, INC.
19 N. GREELEY STREET
PALATINE, ILLINOIS 60067
TEL. 847.359.9616
FAX 847.359.9641

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BURGER KING

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DRAWN BY: J. THORSTENSON
CHECKED BY: M. JOHNSON
DATE: 12.23.15
PROJECT NO: 15104

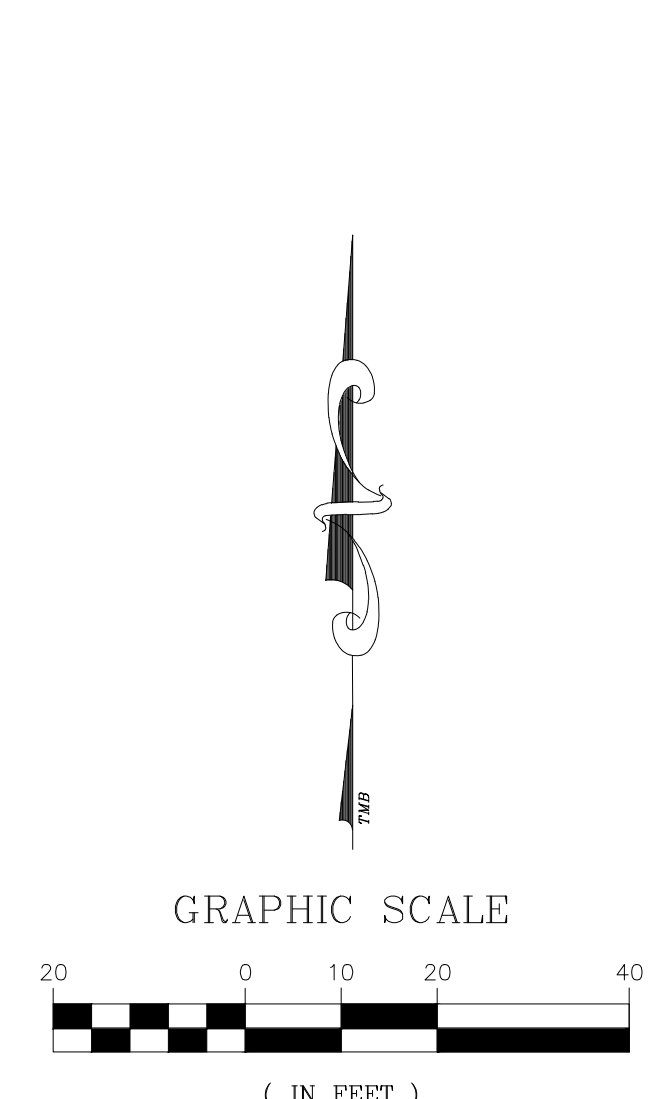
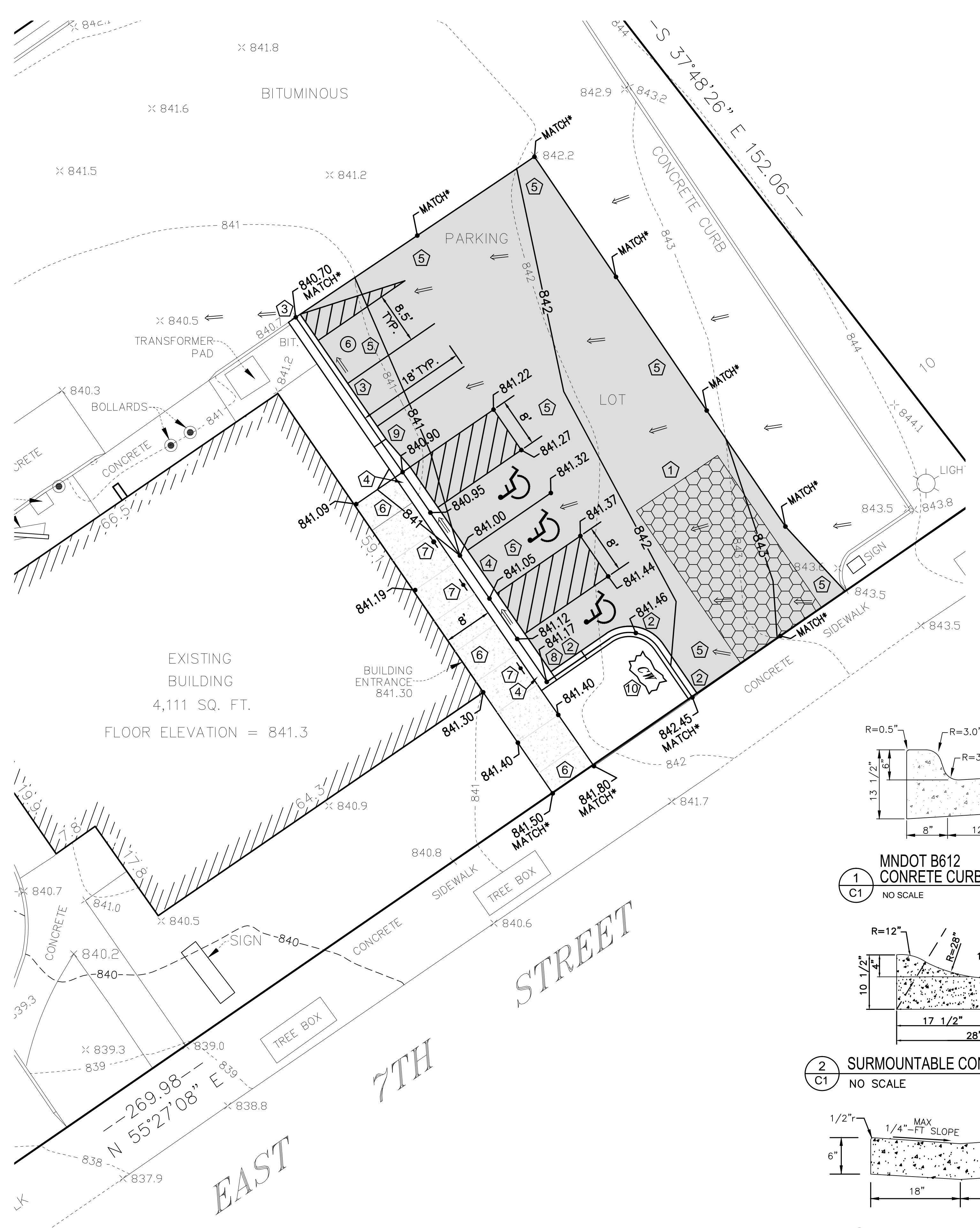
BURGER KING STORE #10284
695 7TH ST. EAST
ST. PAUL, MN 55106

SITE DETAILS

SHEET

SP-2

TWO OF TWO



CONSTRUCTION KEYED NOTES

- ① ROCK CONSTRUCTION ENTRANCE
- ② PROPOSED B618 CONC. CURB & GUTTER. REFER TO DETAIL 1.
- ③ PROPOSED SURMOUNTABLE CONC. CURB & GUTTER. REFER TO DETAIL 2.
- ④ PROPOSED CONC. VALLEY GUTTER. REFER TO DETAIL 3.
- ⑤ PROPOSED BITUMINOUS PAVEMENT. REFER TO DETAIL 4.
- ⑥ PROPOSED CONCRETE SIDEWALK. REFER TO DETAIL 5.
- ⑦ INSTALL BOLLARD AND ADA SIGN. REFER TO DETAIL 6.
- ⑧ TRANSITION B618 CURB DOWN 6"-INCHES IN 6 FEET TO MATCH VALLEY GUTTER.
- ⑨ TRANSITION SURMOUNTABLE CURB DOWN 6"-INCHES IN 6 FEET TO MATCH VALLEY GUTTER.
- ⑩ CONCRETE WASH OUT STATION

NOTES

- 1) PAVEMENT STRIPING TO BE 4" WIDE WHITE PAINTED STRIPE. ACCESSIBLE ACCESS AISLE STRIPING SHALL BE 4" WIDE WHITE PAINTED STRIPE 18" ON CENTER AND AT 45 DEGREE ANGLES TO STALL.
- 2) BITUMINOUS PAVEMENT AND CONCRETE TO BE REMOVED SHALL BE SAW CUT AT EDGES.
- 3) PROPOSED SPOT ELEVATIONS ARE LOCATED AT GUTTER LINE AND FINISHED SURFACE.

CONSTRUCTION SPECIFICATIONS:

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF FEDERAL, STATE AND LOCAL SAFETY LAWS AND BUILDING CODES. ALL WORKMANSHIP SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS.
2. ALL FEES AND PERMITS SHALL BE THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR UNLESS NOTED OTHERWISE.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES, UTILITIES, WALKS, CURB AND PAVEMENT FROM DAMAGE.
4. ALL WORK MUST BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN AS PUBLISHED IN THE TILE III REGULATIONS (28 CFR PART 36) PUBLISHED SEPTEMBER 15, 2010 ISSUED BY THE DEPARTMENT OF JUSTICE.
5. IT IS RECOMMENDED THAT THE CONTRACTOR NOTIFY GOPHER ONE STATE ONE CALL AT 811 AT LEAST 72 HOURS PRIOR TO CONSTRUCTION.

LEGEND

- EXISTING BITUMINOUS PAVEMENT
- PROPOSED BITUMINOUS PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- ⑥ PARKING STALL COUNT (TOTAL SITE PROPOSED = 51)
- 843 --- EXISTING CONTOUR
- x 843.5 EXISTING SPOT ELEVATION
- 843 — PROPOSED CONTOUR
- 840.70 PROPOSED SPOT ELEVATION
- MATCH* MATCH EXISTING GRADE
- ⇒ DRAINAGE ARROW
- CONCRETE WASHOUT STATION

Advance
Surveying & Engineering

5300 South Hwy. No 101
Minnetonka, Minnesota 55345
Phone (952) 474-7964
Web: www.advsur.com

DRAWING PHASE:

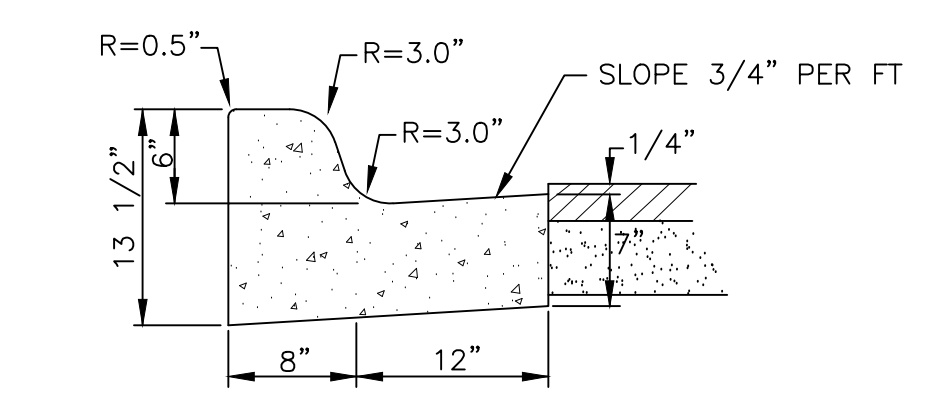
OWNER REVIEW
AGENCY REVIEW
BID DOCUMENT
<input checked="" type="checkbox"/> FOR CONSTRUCTION
AS-BUILT DOCUMENT

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

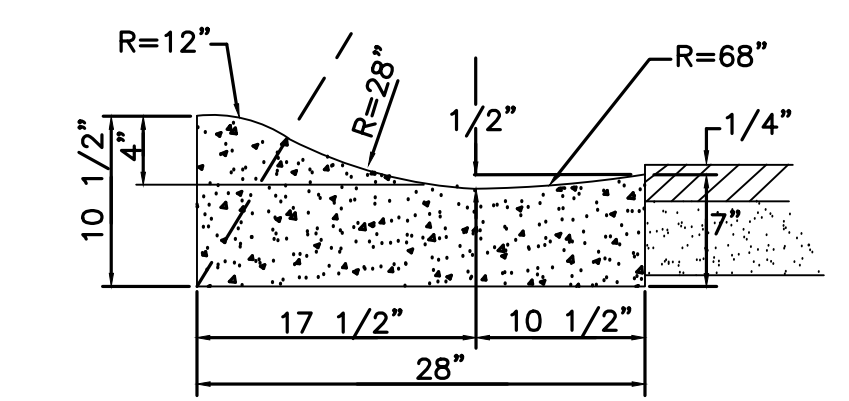
James H. Parker
JAMES H. PARKER, PE
9235
LICENSE NO.
1/18/2015
DATE:

BURGER KING
695 7TH STREET EAST
ST. PAUL, MN 55106

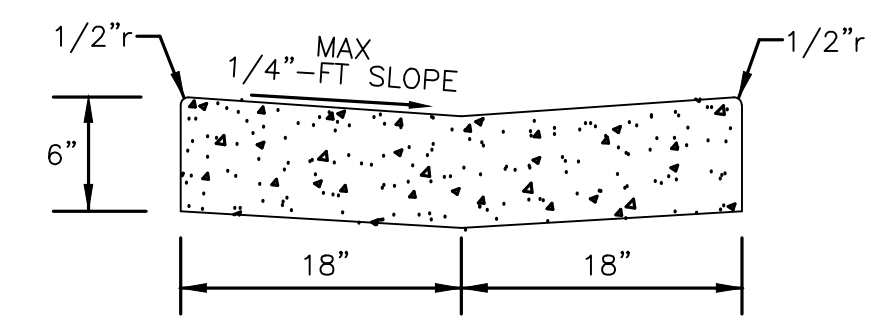
BURGER KING
HANDICAP STALL AREA
IMPROVEMENTS
ST. PAUL, MN



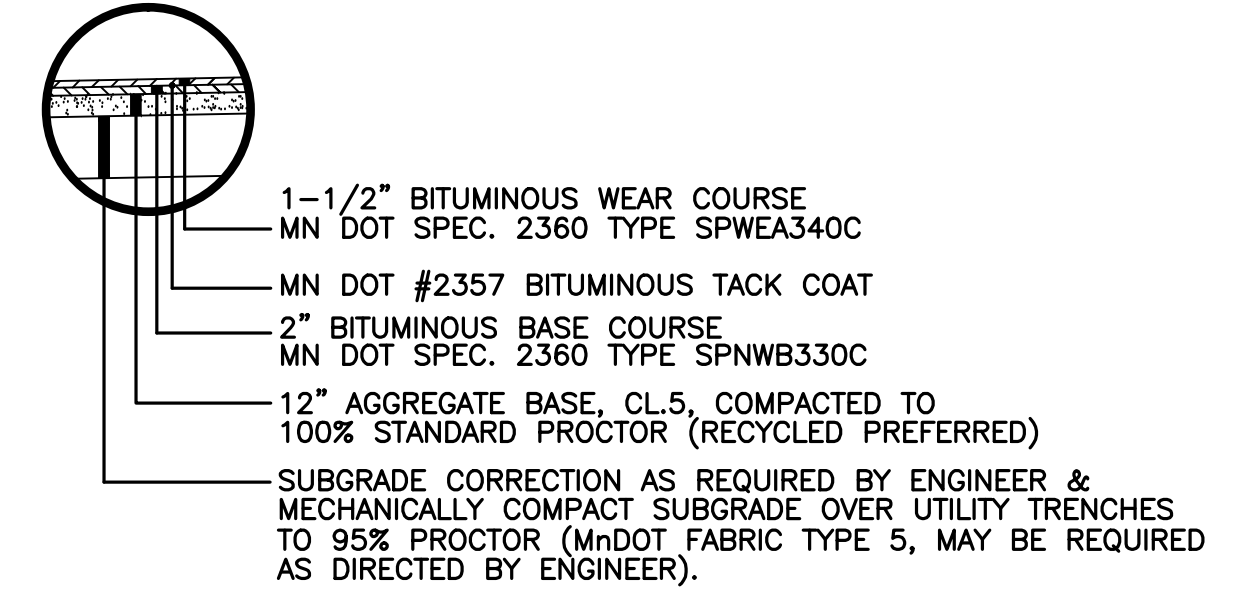
① C1 NO SCALE
MNDOT B612 CONCRETE CURB & GUTTER



② C1 NO SCALE
SURMOUNTABLE CONCRETE CURB & GUTTER



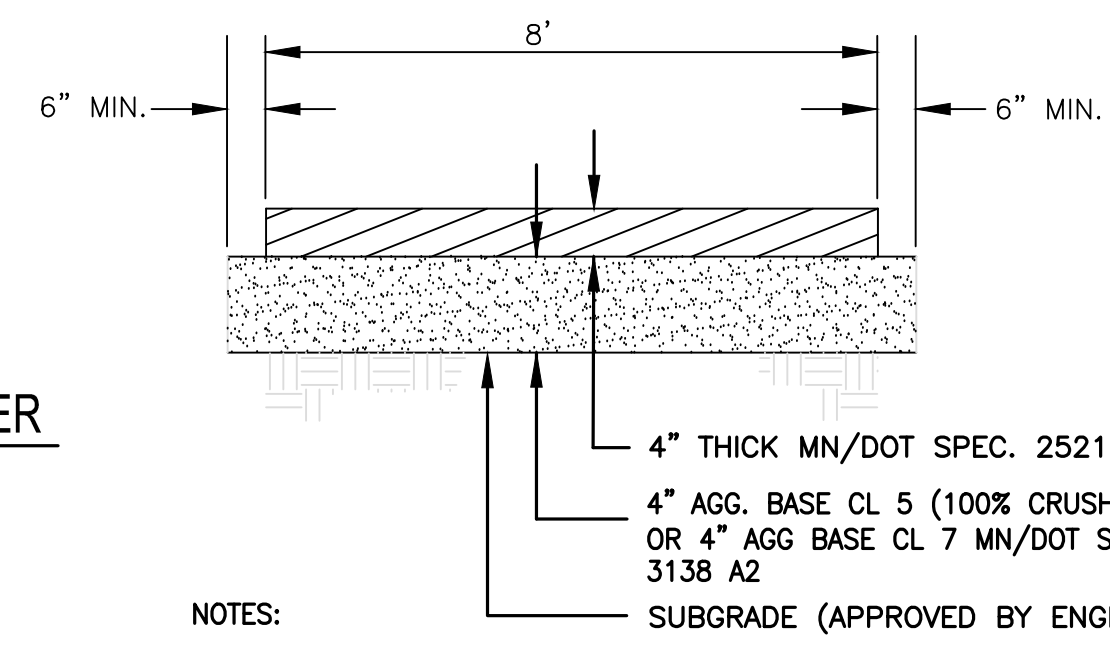
③ C1 NO SCALE
CONCRETE VALLEY GUTTER



TESTING OF SUBGRADE & BASE:

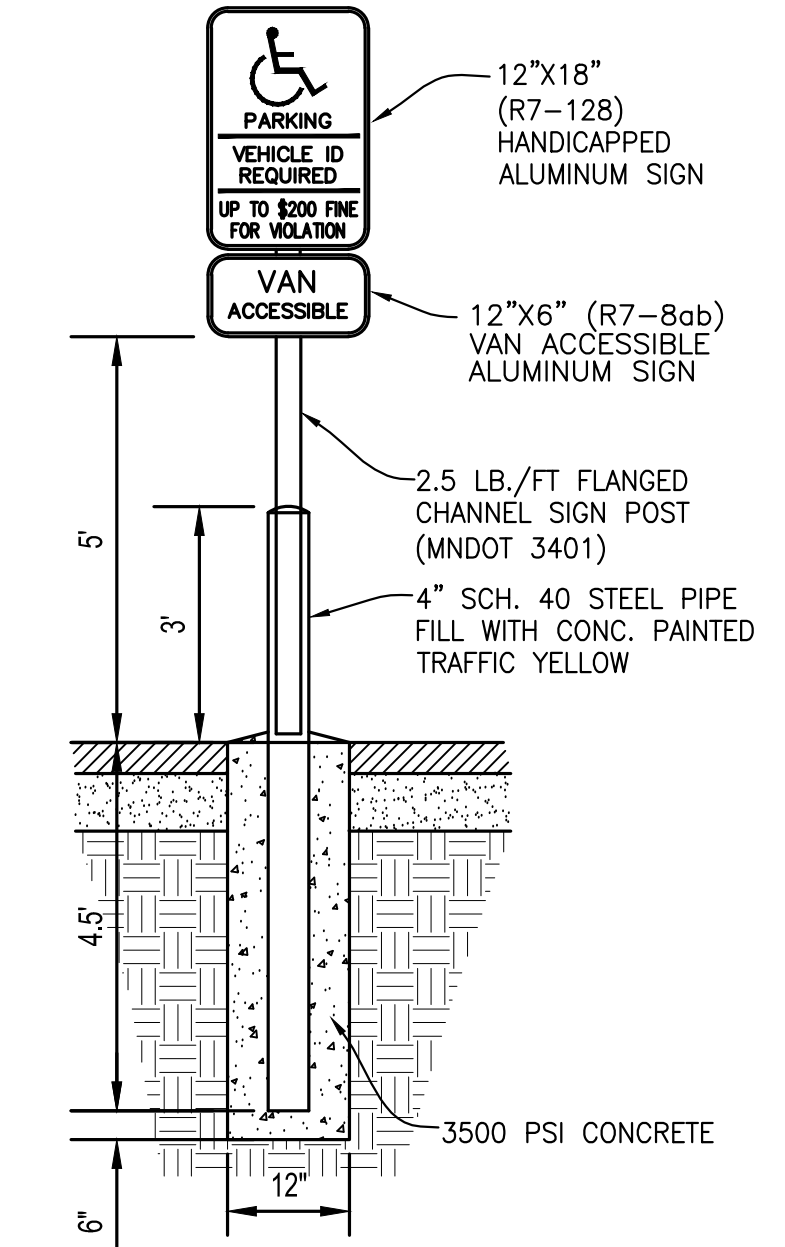
- 1) TEST ROLLING OF SUBGRADE AND AGGREGATE BASE REQUIRED
- 2) FULLY LOADED HAUL TRUCK SHALL BE DRIVEN ENTIRE LENGTH OF ROAD.
- 3) ANY DEFLECTION IN THE SUBGRADE SHALL BE CAUSE FOR FAILURE.
- 4) CITY ENGINEER MUST BE PRESENT FOR TEST.

④ C1 NO SCALE
PAVEMENT SIGN AND POST



- NOTES:**
1. PROVIDE EXPANSION JOINT MATERIAL ALONG BOTH EDGES OF WALK, WHERE WALK IS CONTAINED BETWEEN FIXED OBJECTS.
 2. JOINT SPACING SHALL BE EVERY 6' FOR HAND TRAWLED JOINTS.
 3. PROVIDE 2% CROSS-SLOPE TO MAINTAIN POSITIVE DRAINAGE AWAY FROM SIDEWALK THROUGHOUT LENGTH OF WALK.

⑤ C1 NO SCALE
CONCRETE SIDEWALK



ADA PARKING, ACCESS STALL AND RAMP NOTES:

- 1) TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA), ALL STATE AGENCIES ARE REQUIRED TO UTILIZE THIS STANDARD PLATE. MODIFICATIONS ARE ALLOWED PROVIDED THEY MEET PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG). LOCAL AGENCIES ARE REQUIRED TO ADOPT SIMILAR DESIGNS.
- 2) SLOPE OF PARKING STALL AND ACCESS STALL MAY NOT EXCEED 0.02 FT./FT. IN ALL DIRECTIONS AS CONSTRUCTED.
- 3) CROSS SLOPE OF THE RAMP MAY NOT EXCEED 0.02 FT./FT. AS CONSTRUCTED. RAMP SLOPE MAY NOT EXCEED 1:12 SLOPE RATIO AS CONSTRUCTED.

⑥ C1 NO SCALE
PAVEMENT SIGN AND POST

THE LOCATION OF UNDERGROUND FACILITIES OR STRUCTURES AS SHOWN ON THE PLANS ARE BASED ON AVAILABLE RECORDS AT THE TIME THE PLANS WERE PREPARED AND ARE NOT GUARANTEED TO BE COMPLETE OR CORRECT. CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITIES 72 HOURS PRIOR TO CONSTRUCTION TO DETERMINE THE EXACT LOCATION OF ALL FACILITIES AND TO PROVIDE ADEQUATE PROTECTION OF SAID UTILITIES DURING THE COURSE OF WORK.
GOPHER STATE ONE CALL: 811.

NO.	REVISION DESCRIPTION	DATE

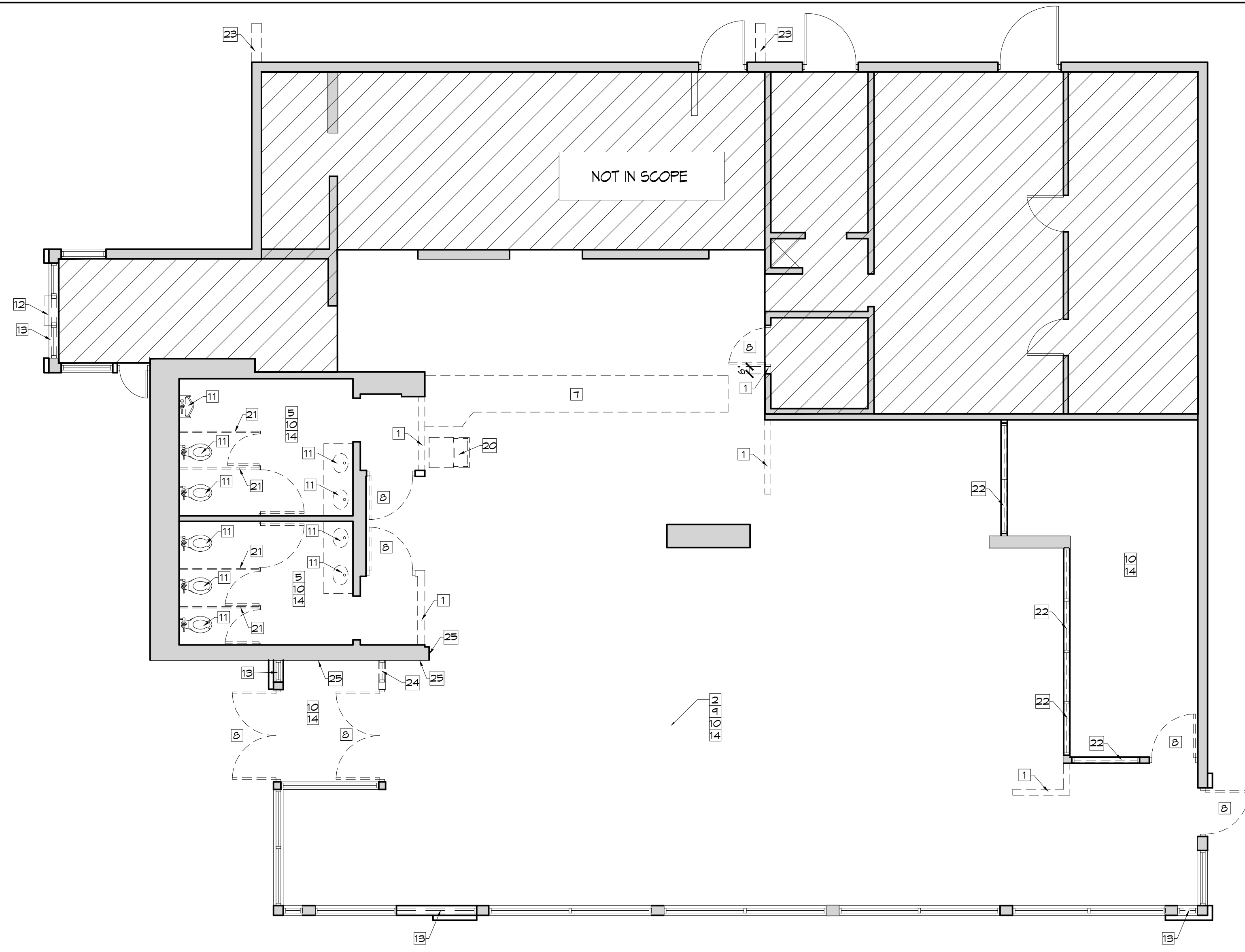
JOB NO. 151216
DRAWN BY: JSR
CHECKED BY: JHP

LAYOUT & GRADING PLAN

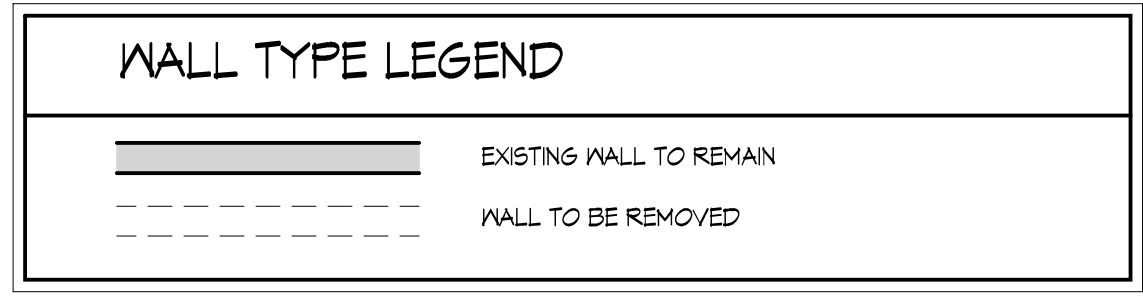
SHEET NO.
C1
SHEET 1 OF 1

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DEMO FLOOR PLAN
SCALE: 3/16" = 1'-0"

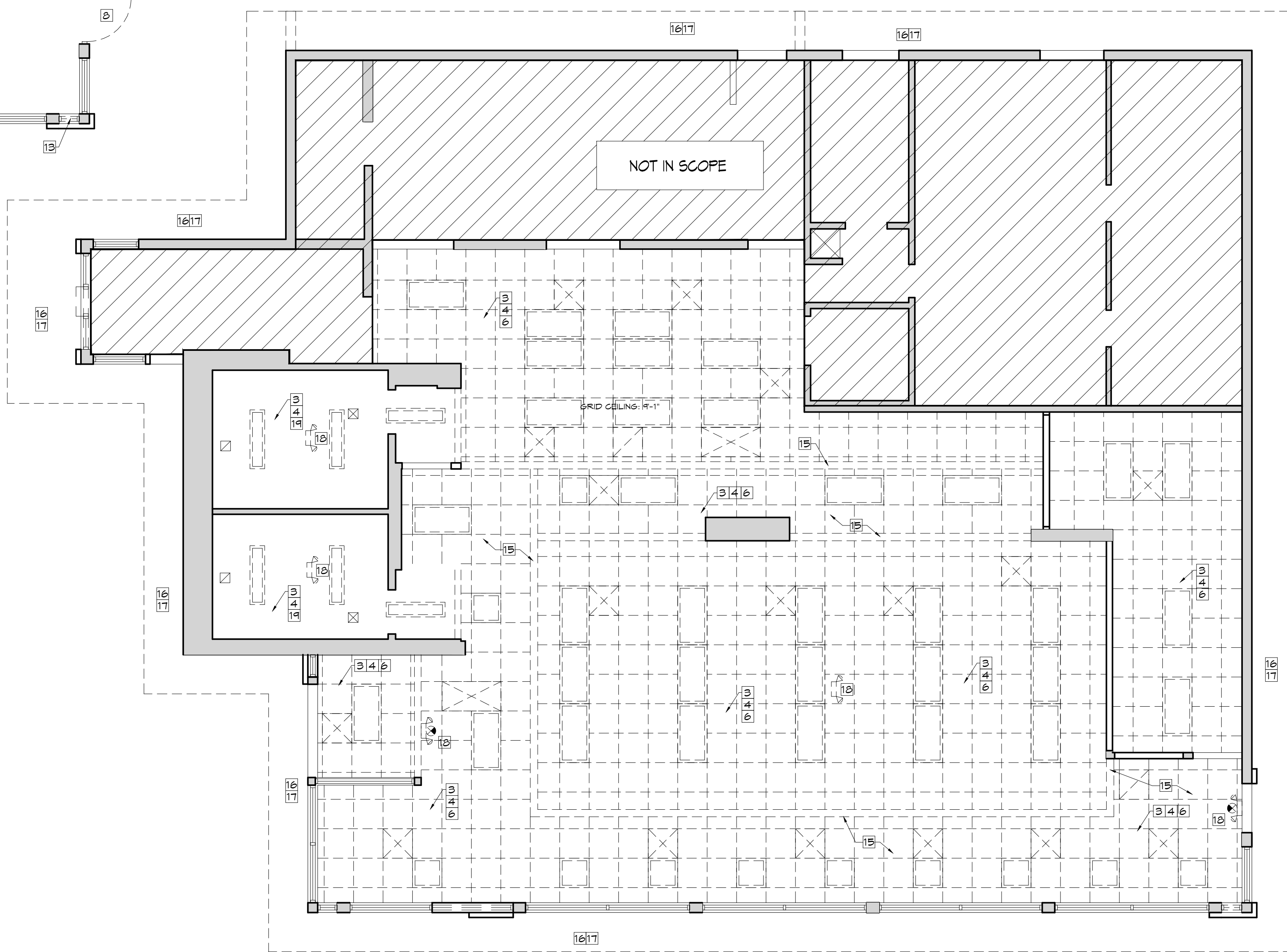


G.C. TO PROVIDE NEW EPDM ROOF. INFILL ANY EXISTING ABANDONED ROOF OPENINGS AS REQUIRED. ADD NEW INSULATION (R-30) AS REQUIRED. TAPER TO CORRECT SLOPES AT PONDING AREAS ON ROOF & ASSURE SLOPES TO ROOF DRAINS.

-G.C. TO CONSTRUCT DUST BARRIER SEPARATING THE KITCHEN FROM THE CONSTRUCTION AREAS. STUD AND PLYWOOD WALL WITH A DOOR FOR ACCESS OUT OF KITCHEN IF THERE IS NO SECONDARY EXIT. WALL MUST PROVIDE COMPLETE DUST BARRIER. PLASTIC BARRIER NOT ACCEPTABLE.

-G.C. TO INSURE HVAC RETURN AIR DUCTS ARE COVERED TO MINIMIZE CONSTRUCTION DUST FROM PENETRATING THE HVAC SYSTEM.

-G.C. TO CHANGE FILTERS AND CLEAN HVAC UNITS AT END OF PROJECT.



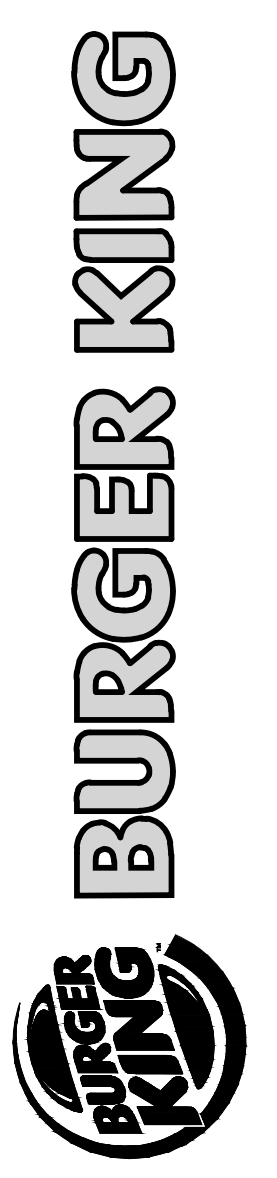
DEMO CEILING PLAN
SCALE: 3/16" = 1'-0"

DEMOLITION NOTES

- REMOVE EXISTING INTERIOR PARTITIONS AS SHOWN. REMOVE ALL ELECTRICAL RECEPTACLES & LIGHT FIXTURES. REMOVE WIRE BACK TO PANEL, CAP & SEAL CONDUITS BELOW SLAB, ABOVE NEW CEILING OR N WALL.
- REMOVE ALL EXISTING MILLWORK AND HALF WALLS IN DINING ROOM.
- REMOVE EXISTING HVAC DIFFUSERS IN DINING ROOM, RESTROOMS & SERVICE AREA (WILL BE REPLACED).
- REMOVE EXISTING FLUORESCENT LIGHTS AND CAN LIGHTS THROUGHOUT DINING ROOM, RESTROOMS, & SERVICE AREA (WILL BE REPLACED).
- EXISTING HAND DRYER TO BE REMOVED.
- EXISTING CEILING GRID AND TILES TO BE REMOVED THROUGHOUT DINING, VESTIBULE, AND SERVICE AREA.
- REMOVE EXISTING COUNTER.
- EXISTING DOOR & FRAME TO BE REMOVED.
- EXISTING BOOTHS, & MILLWORK THROUGHOUT TO BE REMOVED, REPAIR SUBFLOOR AS REQUIRED, TO ACCEPT NEW FINISHES.
- EXISTING WALL FINISHES TO BE REMOVED, INCLUDING CHAIR RAILS & WAINSCOTING.
- EXISTING PLUMBING FIXTURE TO BE REMOVED.
- EXISTING DRIVE-THRU WINDOW TO BE REMOVED.
- EXISTING STOREFRONT TO BE REMOVED.
- REMOVE EXISTING FLOOR TILE. PREP SLAB TO RECEIVE NEW FINISHES.
- REMOVE EXISTING DROPPED SOFFIT IN DINING.
- REMOVE MANSARD ENTIRELY, ENTIRE PERIMETER OF BUILDING.
- REMOVING LIGHTING IN MANSARD SOFFIT & WALL PACKS.
- REMOVE EXISTING EXIT AND EMERGENCY LIGHTING (WILL BE REPLACED).
- REMOVE EXISTING CEILING IN RESTROOMS.
- RELOCATE EXISTING FREESTYLE MACHINE.
- REMOVE EXISTING BATHROOM PARTITIONS.
- EXISTING WINDOWS & FRAMES TO BE REMOVED.
- EXISTING KING WALL TO BE REMOVED.
- EXISTING INTERIOR VESTIBULE STOREFRONT TO BE REMOVED. REMOVE HALF WALL BELOW.
- EXISTING DRY-VIT/STONE FAUX FINISH TO BE REMOVED.

GENERAL NOTES

- GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY INCONSISTENCIES OR DISCREPANCIES WITH THE PLANS IN RELATION TO THE EXISTING FIELD CONDITIONS.
- ALL INTERIOR AND STOREFRONT CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES IN PLACE WITHIN THE JURISDICTION OF THE WORK.
- RESTORE ALL DAMAGED FIRE PROTECTION AT STRUCTURE (IF NECESSARY)
- PATCH AND REPAIR ALL PENETRATIONS IN EXISTING FLOOR WITH LIKE MATERIALS, PROVIDE A SMOOTH SURFACE TO ACCEPT NEW FINISHES.
- DO NOT SCALE PLANS.
- CORING OF STRUCTURAL SLAB, AS REQUIRED TO BE IN ACCORDANCE WITH BASE BUILDING ENGINEERING SPECIFICATIONS. SUBMIT ACTUAL PROCEDURES TO LANDLORD PRIOR TO ANY WORK.
- THIS PLAN SHOWS GENERAL DEMOLITION WORK TO BE PERFORMED AND DOES NOT RELIEVE THE CONTRACTOR FROM OTHER DEMOLITION WORK REQUIRED TO PRODUCE THE BUILDING MODIFICATIONS SHOWN ON THE REMAINING CONTRACT DOCUMENTS, INCLUDING THE PLUMBING, MECHANICAL & ELECTRICAL DRAWINGS.
- CONTRACTOR REMOVED ITEMS SHALL BE DISPOSED OF PROPERLY OFF-SITE AND IN AN EXPEDITIOUS MANNER.
- PROTECT ALL EXISTING CONSTRUCTION SHOWN TO REMAIN FROM DAMAGE DURING CONSTRUCTION FOR THE EXTENT OF THE DEMOLITION AND MODIFICATIONS. SHORE & PROTECT AS REQUIRED.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES (UNLESS A SEQUENCE IS SPECIFIED BY THE OWNER OR CONTRACT DOCUMENTS) AND PROCEDURES, AND FOR COORDINATING ALL PORTIONS OF THE WORK.
- SHORING OF STRUCTURE, CORE DRILLING AND/OR TRENCHING REQUIRED TO COMPLETE THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS IS CONSIDERED A METHOD OR TECHNIQUE AND IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IF A REGULATORY AGENCY REQUIRES A LICENSED ENGINEER OR ARCHITECT TO SUPERVISE, APPROVE AND/OR PROVIDE DRAWINGS FOR SHORING, THEN IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTRACT FOR THIS SERVICE AS PART OF THE BASE BID.
- CONTRACTOR ENCOUNTER SUSPICIOUS MATERIAL OR BECOME AWARE OF THE PRESENCE OF ASBESTOS CONTAINING MATERIALS, THEN THE CONTRACTOR SHALL IMMEDIATELY NOTIFY BURGER KING OF SUCH CONDITIONS. THE CONTRACTOR SHALL NOT PROCEED WITH WORK IN THESE AREAS UNTIL BURGER KING HAS RETAINED A QUALIFIED SPECIALIST CONTRACTOR TO ABATE, ENCAPSULATE OR OTHERWISE ADDRESS THE ASBESTOS-CONTAINING MATERIALS AND WARRANT TO THE CONTRACTOR THAT THE WORK CAN PROCEED IN FULL COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS.



ISSUE DATES / REVISIONS

NO.	DESCRIPTION	DATE
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CHECKED BY: M. JOHNSON
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BURGER KING
STORE #10284
695 7TH ST. EAST
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DEMO PLANS

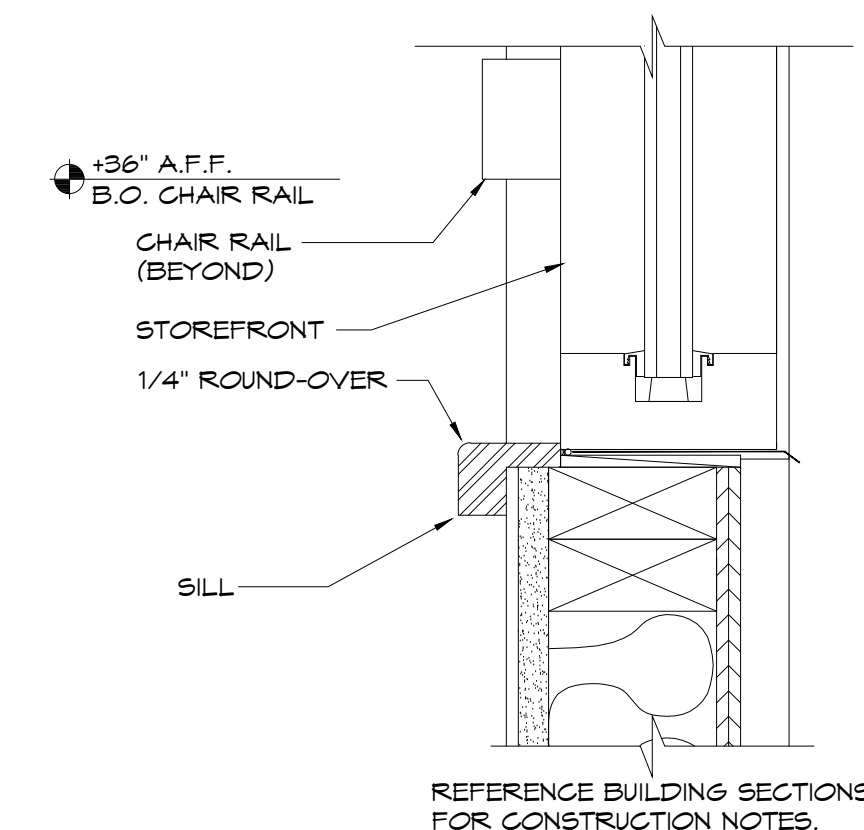
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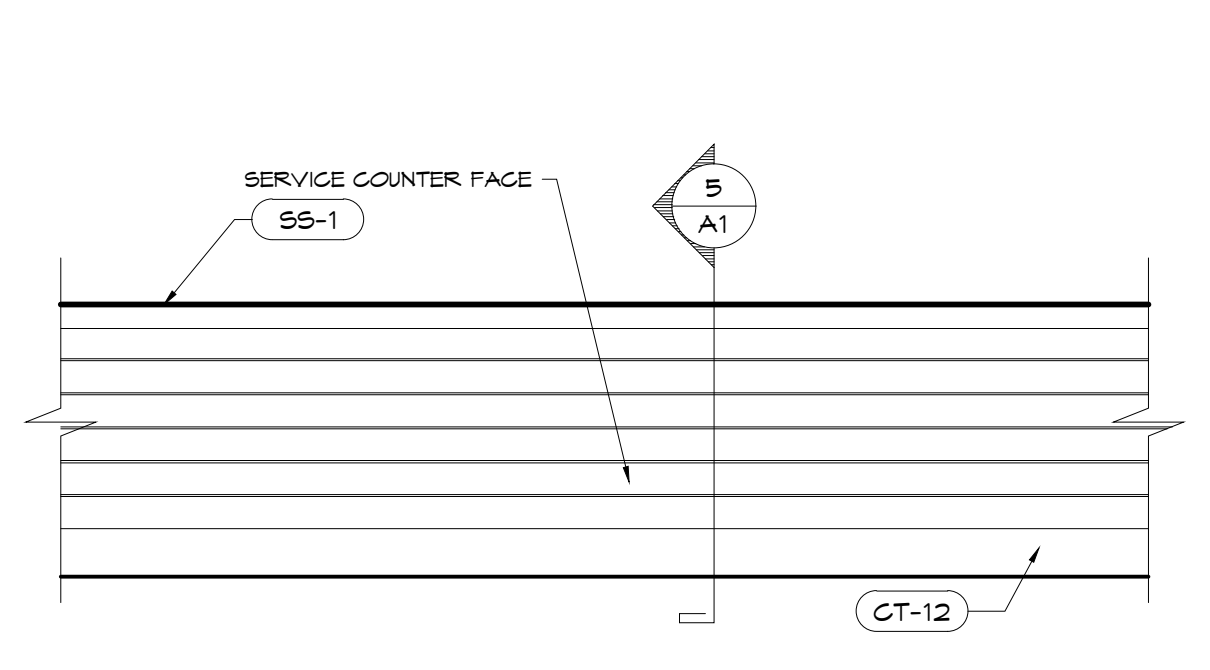
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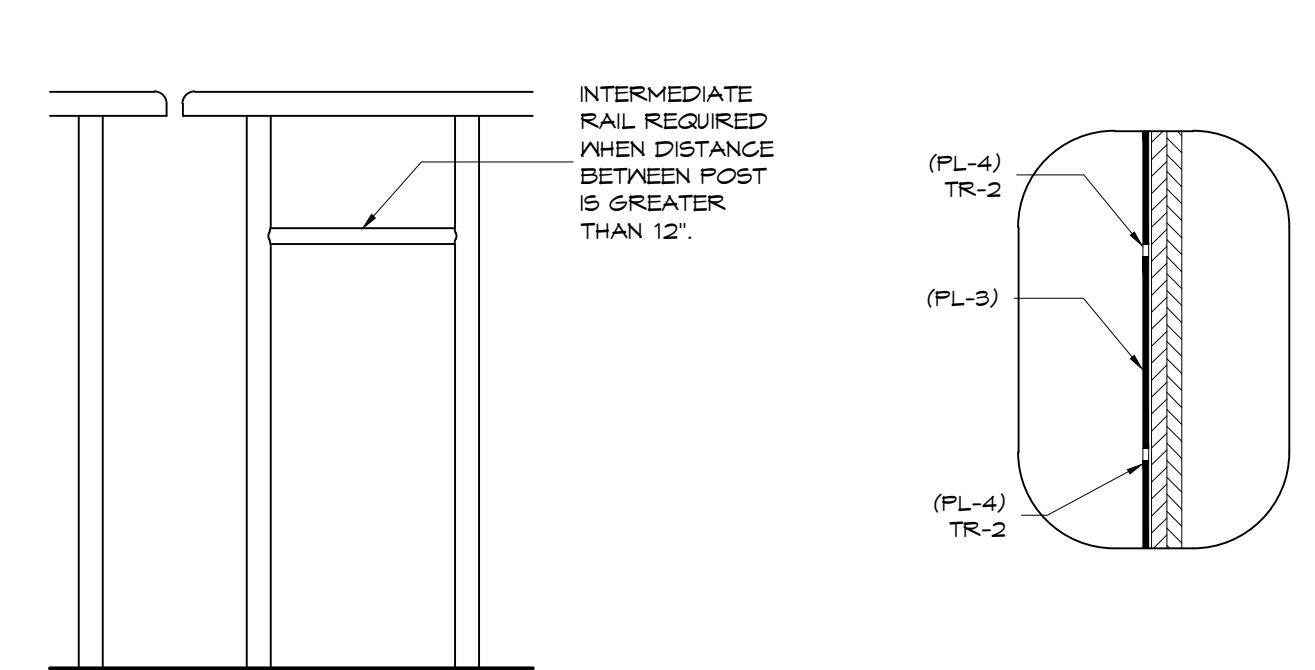
BURGER KING STORE #10284
 695 7TH ST. EAST
 ST. PAUL, MN 55106



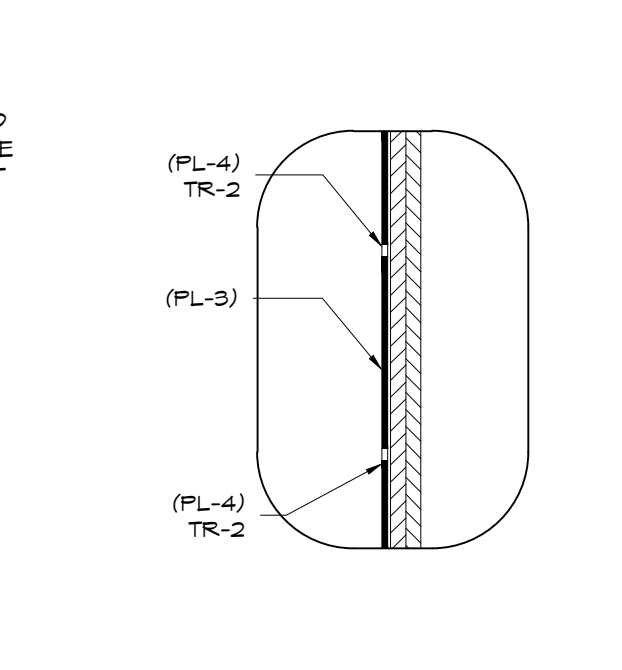
1 SILL & CHAIR RAIL DETAIL
 SCALE: 3\"/>



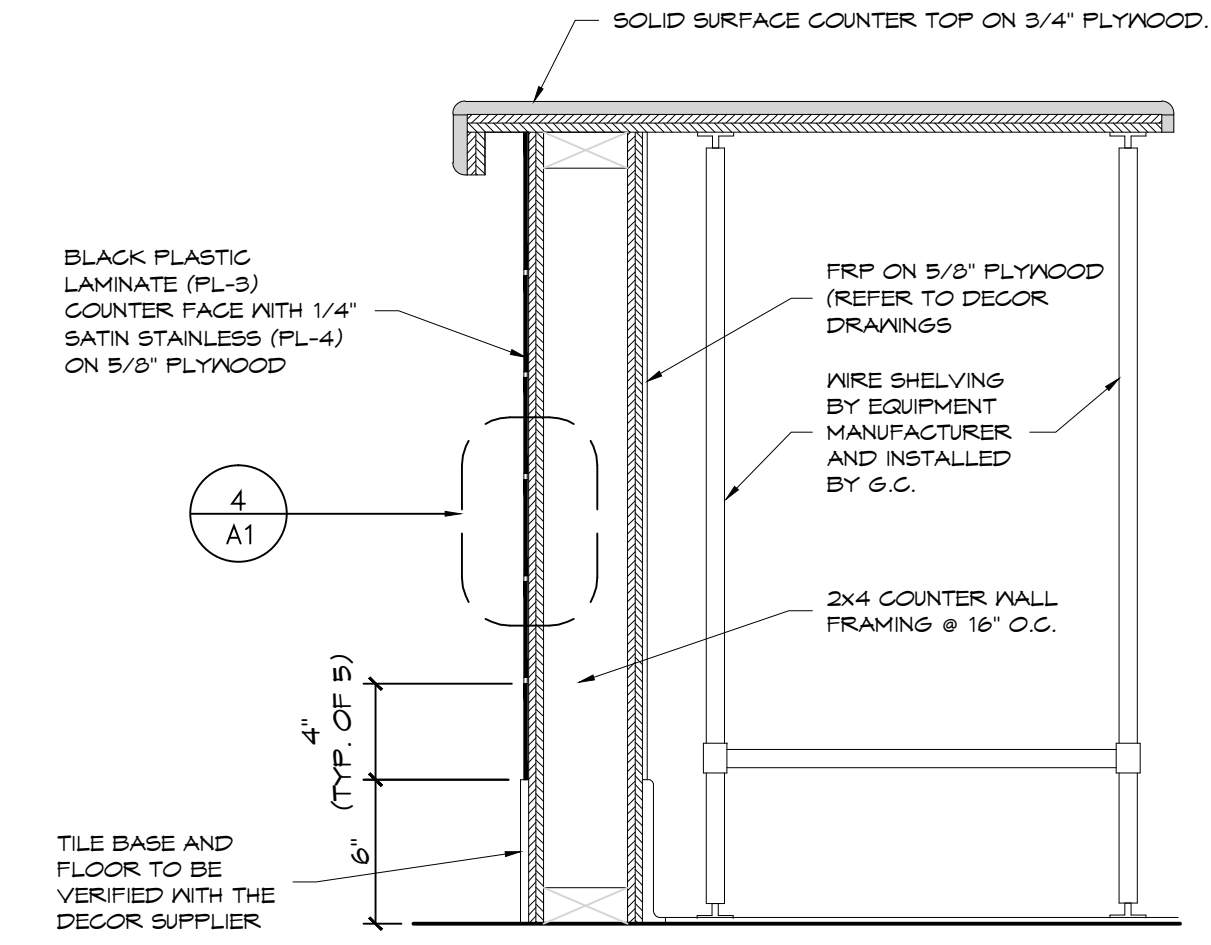
2 CUSTOMER SIDE COUNTER ELEVATION
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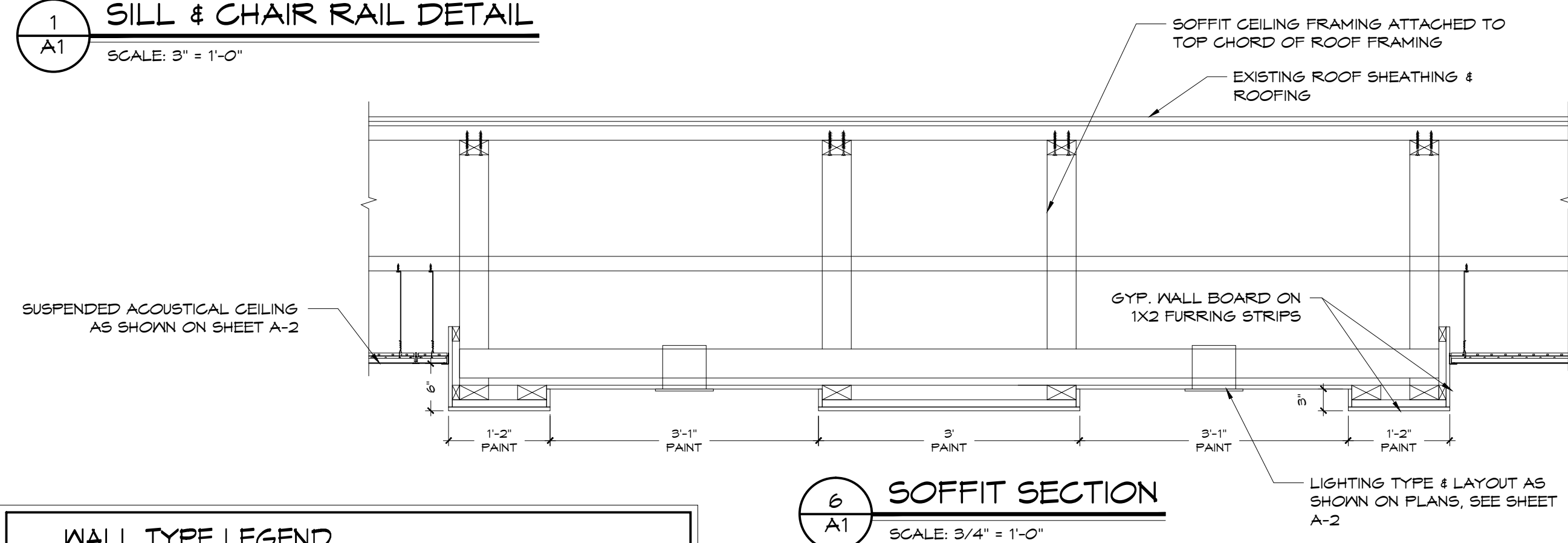
3 QUEUE RAIL DETAIL
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4 COUNTER DETAIL
 SCALE: 1 1/2\"/>



5 COUNTER SECTION
 SCALE: 1 1/2\"/>



6 SOFFIT SECTION
 SCALE: 3/4\"/>

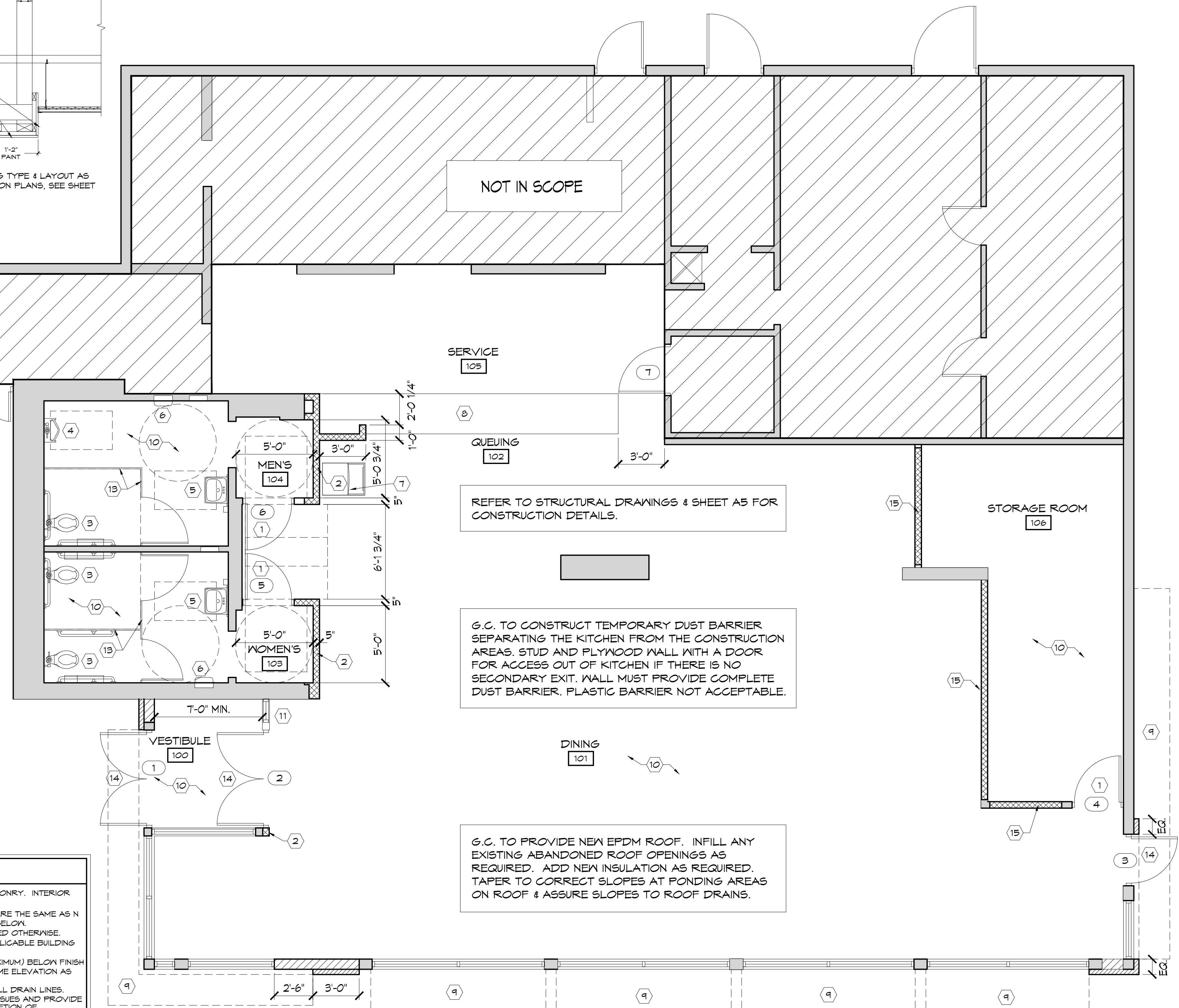
WALL TYPE LEGEND

- EXISTING EXTERIOR WALL TO REMAIN FINISH AS SCHEDULED
- EXISTING INTERIOR WALL TO REMAIN FINISH AS SCHEDULED
- INFILL EXISTING OPENING TO MATCH EXISTING WOOD FRAME CONSTRUCTION.
- NEW FRAMING FOR TOWER
 1/2\"/>
- NEW INTERIOR WALL
 2X4 W/ STUDS @ 16\"/>

REFER TO STRUCTURAL DRAWINGS FOR NEW WALL AND TOWER FRAMING

- KEY NOTES**
- 1 NEW DOOR IN EXISTING OPENING. SEE A-7.
 - 2 SUBSTRATE PANELS:
 KITCHEN - CROWN - RESTROOMS
 5/8\"/>
 - 3 NEW WATER CLOSET.
 - 4 REPLACE EXISTING URINAL.
 - 5 NEW LAVATORY. WRAP ALL EXPOSED PIPING.
 - 6 NEW HAND DRYER.
 - 7 EXISTING FREESTYLE MACHINE. SEE DECOR DRAWINGS.
 - 8 NEW SERVICE COUNTER. SEE DECOR SHEETS AND DETAILS 2, 4 & 5/A-1.
 - 9 LINE OF NEW AWNING / CANOPY ABOVE.
 - 10 PROVIDE NEW FLOOR TILE.
 - 11 NEW STOREFRONT W/ 1\"/>
 - 12 NEW DRIVE THRU WINDOW. READY-ACCESS MODEL NO. 275 (SINGLE PANEL SLIDER SERIES. SLIDER SIZE 41 1/2\"/>
 - 13 NEW TOILET PARTITIONS
 - 14 NEW STOREFRONT DOORS TO REPLACE EXISTING W/ 1\"/>
 - 15 EXISTING WINDOW OPENINGS TO BE INFILLED.

- GENERAL NOTES**
- A. EXTERIOR DIMENSIONS ARE TO FACE OF MASONRY. INTERIOR DIMENSIONS ARE TO FINISH.
 - B. OVERALL DIMENSIONS TO EXTERIOR WALLS ARE THE SAME AS N TO THE OUTSIDE FACE OF FOUNDATION WALL BELOW.
 - C. ALL ANGLED WALLS ARE AT 90° UNLESS NOTED OTHERWISE.
 - D. FIRE EXTINGUISHER, SHALL COMPLY WITH APPLICABLE BUILDING CODES AND LOCAL RESTRICTIONS.
 - E. ELEVATION OF DRIVE-THROUGH LANE 2\"/>
 - F. ON DAY (1) OF CONSTRUCTION G.C. TO JET ALL DRAIN LINES. CAMERA AND IDENTIFY ANY UNDERGROUND ISSUES AND PROVIDE CHANGE ORDER FOR REPAIRS. UPON COMPLETION OF CONSTRUCTION G.C. TO JET ALL DRAIN LINES. CAMERA AND IDENTIFY ANY UNDERGROUND ISSUES AND PROVIDE CHANGE ORDER FOR REPAIRS.



FLOOR PLAN
 SCALE: 3/16\"/>

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: _____ REGISTRATION NO. 020694



ISSUE DATES / REVISIONS

NO.	DESCRIPTION	DATE
4	CONSTRUCTION SET	4-19-16
3	PLAN REVIEW COMMENTS	3-7-16
2	REVISION	2-16-16
1	PERMIT SUBMITTAL	2-11-16

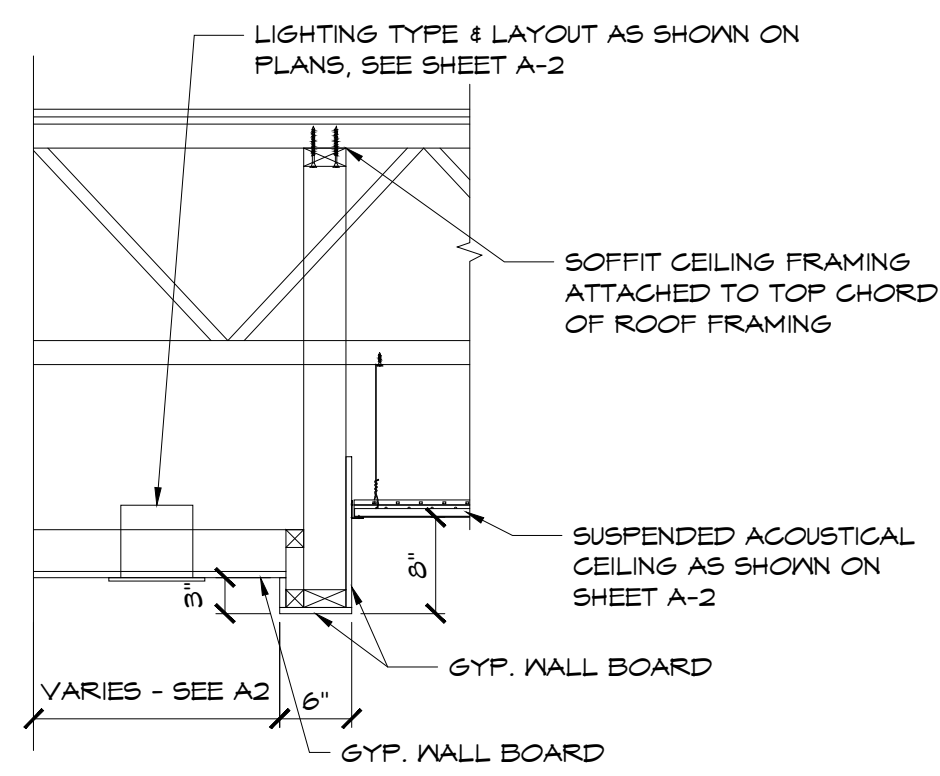
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 DRAWN BY: J. THORSTENSON
 CHECKED BY: M. JOHNSON
 DATE: 12.23.15
 PROJECT NO: 15104

CEILING PLAN

SHEET

A-2

TWO OF NINE



1 BEVERAGE SOFFIT DETAIL

A2 SCALE: 3/4" = 1'-0"

G.C. TO PROVIDE NEW EPDM ROOF. INFILL ANY EXISTING ABANDONED ROOF OPENINGS AS REQUIRED. ADD NEW INSULATION (R-30) AS REQUIRED. TAPER TO CORRECT SLOPES AT PONDING AREAS ON ROOF & ASSURE SLOPES TO ROOF DRAINS.

GENERAL NOTES

- A. ALL DIMENSIONS SHOWN ON CEILING PLAN ARE FROM FACE OF WALL FINISH UNLESS NOTED OTHERWISE.
- B. THE REFERENCE HEIGHTS INDICATED ON PLAN ARE FROM APPROXIMATE FINISH FLOOR (A.F.F.).
- C. G.C. TO COORDINATE DINING ROOM LIGHTING WITH APPROVED INTERIOR DECOR DRAWINGS.
- D. CONTRACTOR SHALL VERIFY FIXTURE QUANTITIES AND ALSO MAKE PROPER ADJUSTMENTS FOR ANY CHANGES IN PLAN DUE TO ADDITIONAL REQUIREMENTS, LOCAL CODES, ETC.
- E. ALL FIXTURES SHALL BE LOCATED IN THE CENTER OF CEILING TILES UNLESS NOTED OTHERWISE.
- F. REFERENCE INTERIOR DECOR SHEETS FOR FINISH SPECIFICATIONS.
- G. CONTRACTOR TO COORDINATE PENDANT LIGHT LOCATIONS WITH DECOR SUPPLIER DRAWINGS.

CEILING SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	SUPPLY AIR DIFFUSERS MANUFACTURER: METALARE FINISH: 100% ALUMINUM
	RETURN AIR GRILLES MANUFACTURER: METALARE FINISH: 100% ALUMINUM
	BATHROOM EXHAUST FAN GRILLES MANUFACTURER: METALARE FINISH: 100% ALUMINUM

LIGHT FIXTURE SCHEDULE

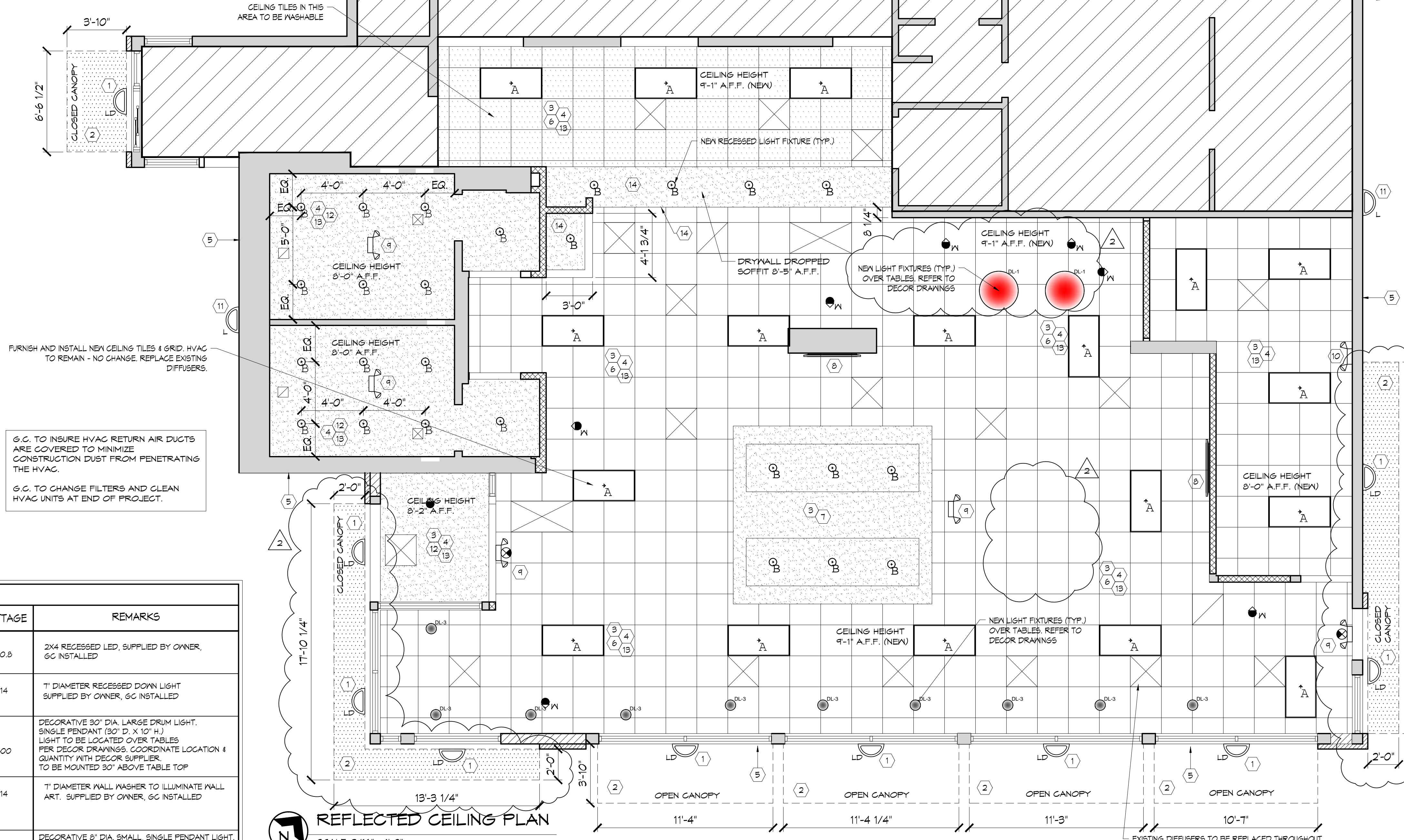
TYPE	MANUFACTURER	CATALOG NO.	WATTAGE	REMARKS
A	SECURITY	LIT24-35ML6-FSA12-EU-C388	40.8	2X4 RECESSED LED, SUPPLIED BY OWNER. GC INSTALLED
B	SECURITY	SL5DBXQL/LB6LEDA10L39K9VH	14	7" DIAMETER RECESSED DOWN LIGHT SUPPLIED BY OWNER. GC INSTALLED
DL-1	SEASCAPE LIGHTING	LUTHER DRUM PENDANT TOP SHADE: TAFFETA ROUGE BOTTOM SHADE: TAFFETA SILK CREAM HARDWARE: 4" BRAIDED CORD WATTS: 300	300	DECORATIVE 30" DIA. LARGE DRUM LIGHT. SINGLE PENDANT (30" D. X 10" H.) LIGHT TO BE LOCATED OVER TABLES PER DECOR DRAWINGS. COORDINATE LOCATION & QUANTITY WITH DECOR SUPPLIER. TO BE MOUNTED 30" ABOVE TABLE TOP
N	SECURITY	SL5DBXQL/LB6LEDA10L39K9VH	14	7" DIAMETER WALL WASHER TO ILLUMINATE WALL ART. SUPPLIED BY OWNER. GC INSTALLED
DL-3	SEASCAPE LIGHTING	LUMIERE TOP SHADE: POLYCARBONATE BOTTOM SHADE: SILK CREAM HARDWARE: 4" BRAIDED CORD WATTS: 60	60	DECORATIVE 6" DIA. SMALL, SINGLE PENDANT LIGHT. LIGHT TO BE LOCATED OVER TABLES PER DECOR DRAWINGS. COORDINATE LOCATION & QUANTITY WITH DECOR SUPPLIER. TO BE MOUNTED 30" ABOVE TABLE TOP
L	SECURITY	RA5C-30LED-JD-PS-MT (UP/DOWN)	30	SURFACE MOUNTED EXTERIOR WALL SCENCE. BOTTOM OF LIGHT @ 9'-0" A.F.F. ALSO USED IN OPEN CANOPIES
LD	LSI	XPY63-FT-LED-480-480-GA-VE-MBV (DOWN ONLY)	53	
	SECURITY	RA5C-30LED-MD-PS-MT (DOWN ONLY)	30	
	GREE (RUUD)-HERMITAGE	RS-30WLED-DO-SV-120 (DOWN ONLY)	30	
N	SECURITY	PGM3-30LJ-5K-PS	69	PERMALITER LED EXTERIOR WALLPACK
EM	LSI	LTEM-VH	(2) 1 LED	EMERGENCY LIGHT
	SECURITY	CU2	0.56	
	GREE (RUUD)-HERMITAGE	EM22RVH	11	
EX	LSI	LPRX-R-U-VH-LD11	(2) 1 LED	EXIT LIGHT
	SECURITY	CCR	4.12	
	GREE (RUUD)-HERMITAGE	ENDVBRVH	11	

NOTES:

1. NOT ALL LIGHT FIXTURE TYPES SHOWN ON SCHEDULE MAY BE USED ON THIS PROJECT. REFER TO LIGHTING PLAN FOR PROJECT SPECIFIC TYPES & QUANTITIES.
2. PENDANT FIXTURES MUST BE CENTERED OVER TABLE TOPS. COORDINATE WITH DECOR DRAWINGS.
3. EXCEPT FOR DROPPED CEILING OPTION, ALL LIGHT FIXTURES IN DINING ROOM AREA AND RESTROOM CORRIDOR ARE TO BE SUPPORTED FROM EXPOSED ROOF TRUSSES. - USE 2X4 BETWEEN BOTTOM CHORDS FOR SURFACE MOUNTED FIXTURES.
4. CONTRACTOR TO NOTIFY LIGHTING SUPPLIER OF THE FOLLOWING: ALL FIXTURE TYPES WILL BE REQUIRED TO BE LENSED AT THE SERVICE AREA LOCATION AND OVER THE SELF-SERVE DRINK AREA. ALL FIXTURE TYPES WILL REQUIRE A LENS OR TUBE GUARD AT THOSE LOCATIONS.

NOTE:
ALL FINISH DIMENSIONS TO BE FIELD VERIFIED BY MANUFACTURER PRIOR TO FABRICATION

G.C. NOTE:
G.C. TO INSURE ALL EXTERIOR FIXTURES ARE PROPERLY POWERED. G.C. TO TEST AND MAKE OPERATIONAL ALL FIXTURE CIRCUITS.



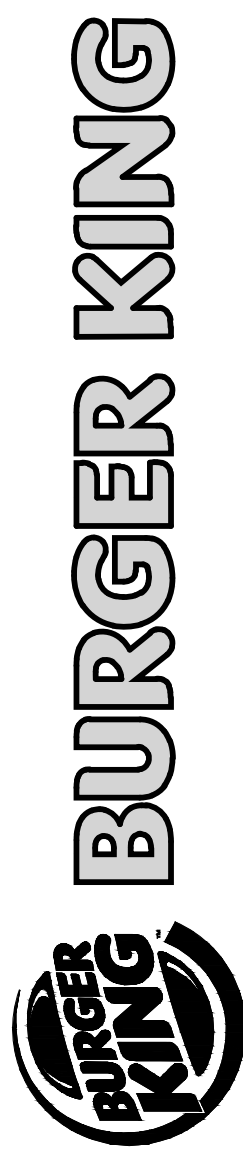
REFLECTED CEILING PLAN

SCALE: 3/16" = 1'-0"

KEYED NOTES

- 1) NEW EXTERIOR WALL SCENCE, MOUNTED INSIDE CANOPIES TO REPLACE PREVIOUS MANSARD SOFFIT LIGHTS. CONNECT TO PREVIOUS MANSARD SOFFIT LIGHTING CIRCUIT. VERIFY LOAD ON EXISTING CIRCUIT TO ENSURE CORRECT OVER CURRENT PROTECTION. FIELD VERIFY REQUIREMENTS.
- 2) NEW PREFABRICATED METAL CANOPY OR AWNING. SEE DETAIL 11/A-5.
- 3) EXTEND EXISTING LIGHTING CIRCUIT TO NEW LIGHT FIXTURES AND CONNECT AS REQUIRED TO CIRCUIT MADE AVAILABLE AFTER REMOVAL OF EXISTING LIGHT FIXTURES. SEE DEMOLITION PLANS FOR ADDITIONAL INFORMATION. VERIFY LOAD ON EXISTING CIRCUIT TO ENSURE CORRECT OVER CURRENT PROTECTION. FIELD VERIFY REQUIREMENTS.
- 4) NEW LED LIGHT FIXTURES IN DINING, VESTIBULE, SERVICE AREA & BATHROOMS, SUPPLIED BY OWNER, INSTALLED BY G.C. PROVIDE NEW DOWN LIGHT AS INDICATED. CONNECT TO EXISTING LIGHTING CIRCUIT AS REQUIRED. VERIFY LOAD ON EXISTING CIRCUIT TO ENSURE CORRECT OVER-CURRENT PROTECTION. FIELD VERIFY REQUIREMENTS.
- 5) REPLACE EXISTING LIGHT BAND ON EXTERIOR FACADE. REUSE/CONNECT TO EXISTING CIRCUIT. SEE EXTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION. SEE DETAIL 1/A-5.
- 6) REPLACE CEILING TILES & CEILING GRID IN DINING AND SERVICE AREAS.
- 7) NEW PAINTED SOFFIT/BULKHEAD BY G.C. SEE DECOR DRAWINGS AND DETAIL 6/A-1 AND 1/A-2 FOR MORE INFORMATION.
- 8) NEW TV BY OWNER. SEE ELECTRICAL SHEETS AND DECOR SHEETS E.C. TO PROVIDE ROUGH-IN AND FINAL CONNECTION FOR NEW TV. FIELD VERIFY DEVICE TYPE, MOUNTING HEIGHT, AND LOCATION WITH OWNER PRIOR TO ROUGH-IN. FIELD VERIFY ALL REQUIREMENTS.
- 9) NEW EXIT SIGNS & EMERGENCY LIGHTS THROUGHOUT TO REPLACE EXISTING. E.C. TO VERIFY EXISTING EXIT AND EMERGENCY EGRESS LIGHTING MEETS CURRENT ELECTRIC CODE. IF EXISTING FIXTURES DO NOT MEET CODE, E.C. SHALL FURNISH AND INSTALL NEW FIXTURES TO MEET CURRENT CODE REQUIREMENTS. NEW FIXTURES SHALL BE CONNECTED TO EXISTING CIRCUITRY.
- 10) PROVIDE NEW EMERGENCY LIGHT, E.C. TO CONNECT TO EXISTING CIRCUIT.
- 11) NEW EXTERIOR WALL SCENCE/WALL PACK TO REPLACE PREVIOUS WALL PACK/MANSARD SOFFIT LIGHTS. CONNECT TO PREVIOUS WALL PACK/MANSARD SOFFIT LIGHTING CIRCUIT. VERIFY LOAD ON EXISTING CIRCUIT TO ENSURE CORRECT OVER CURRENT PROTECTION. FIELD VERIFY REQUIREMENTS.
- 12) NEW GYP BOARD CEILING TO BE PAINTED. SEE DECOR DRAWINGS FOR MORE INFORMATION. PATCH/REPAIR EXISTING ADJACENT WALLS AS REQUIRED FOR NEW CEILING HEIGHT AND FINISHES.
- 13) EXISTING DIFFUSERS TO BE REPLACED THROUGHOUT FRONT SERVICE AND DINING AREA & BATHROOMS. MAINTAIN EXISTING CFM AND RECONNECT TO EXISTING DUCTWORK.
- 14) NEW DRYWALL SOFFITS (BY G.C.) AT FRONT SERVICE COUNTER/DRINK STATION TO BE PAINTED.

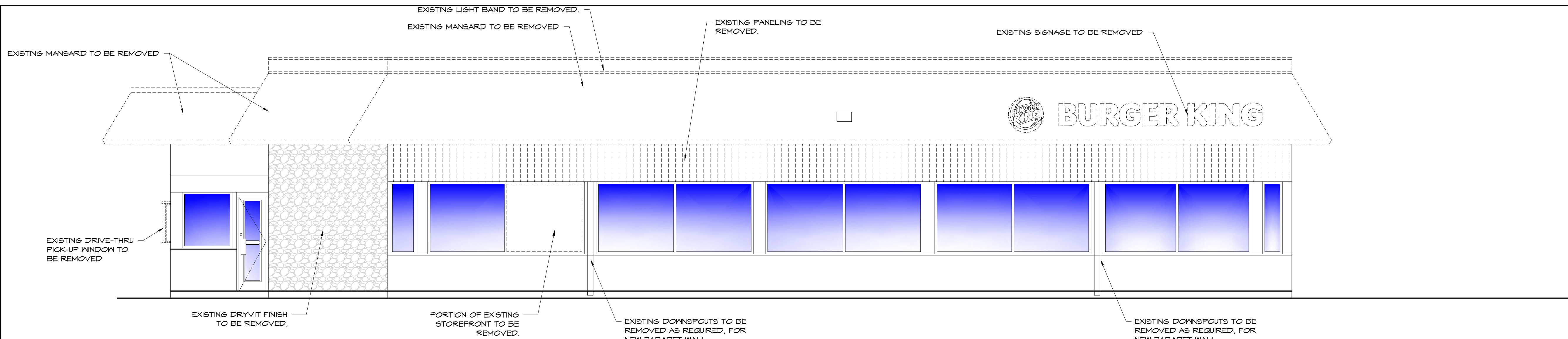
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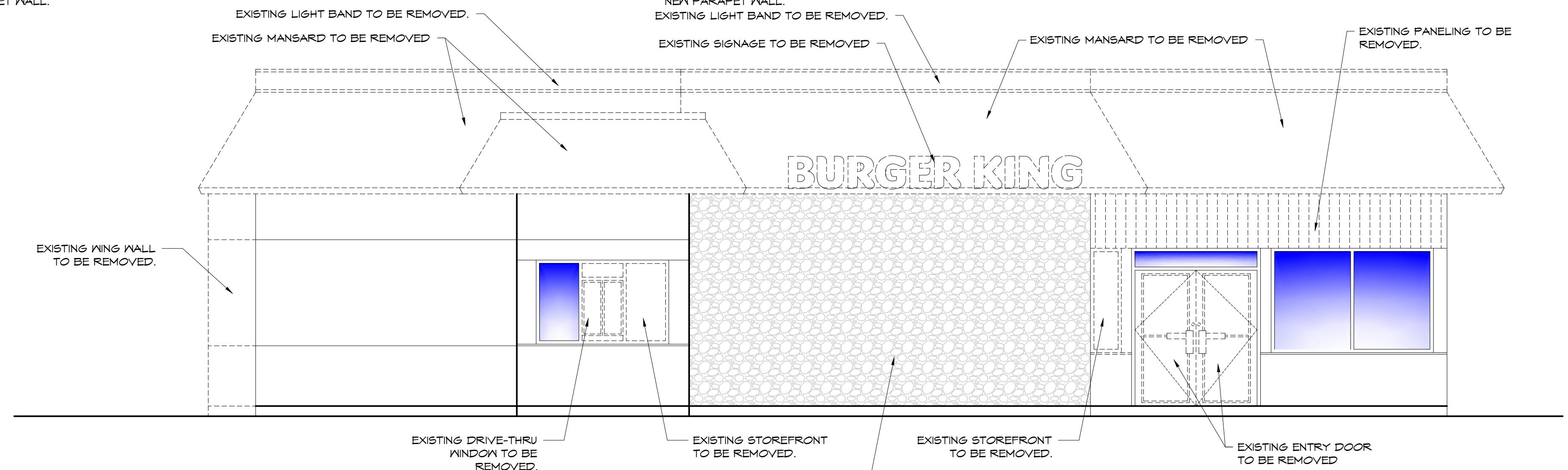
ISSUE DATES / REVISIONS	
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DRAWN BY:	J. THORSTENSON
CHECKED BY:	W. JOHNSON
DATE:	12.23.15
PROJECT NO:	15104

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 STORE #10284
 695 7TH ST. EAST
 ST. PAUL, MN 55106

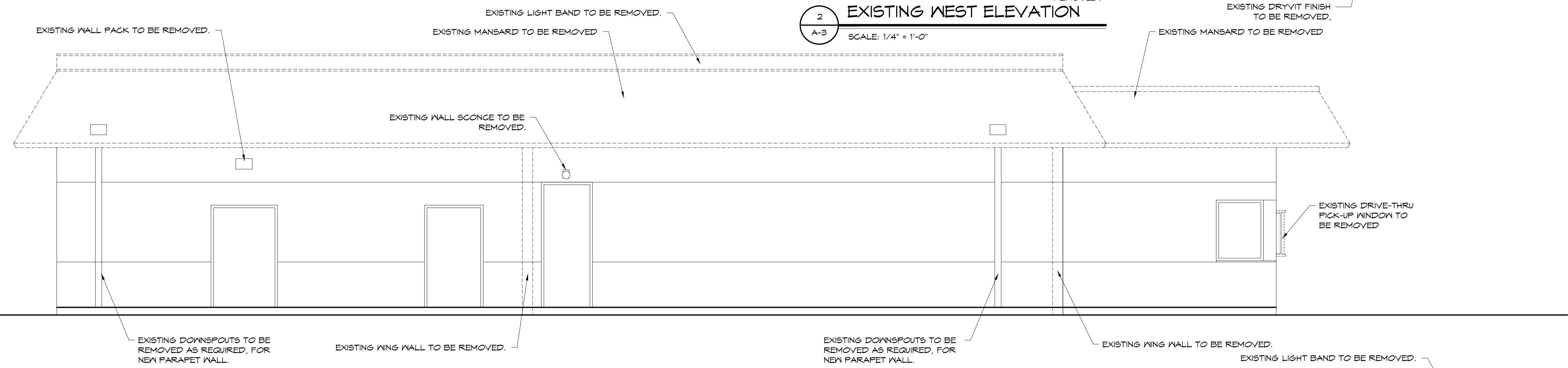
EXISTING EXTERIOR ELEVATIONS



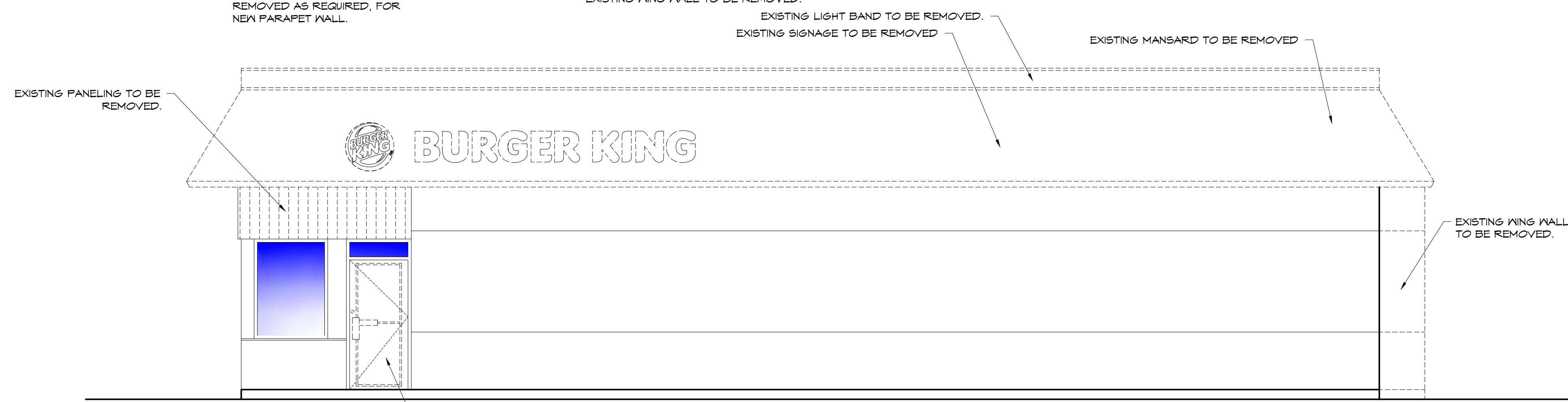
1 EXISTING SOUTH ELEVATION
 SCALE: 1/4" = 1'-0"



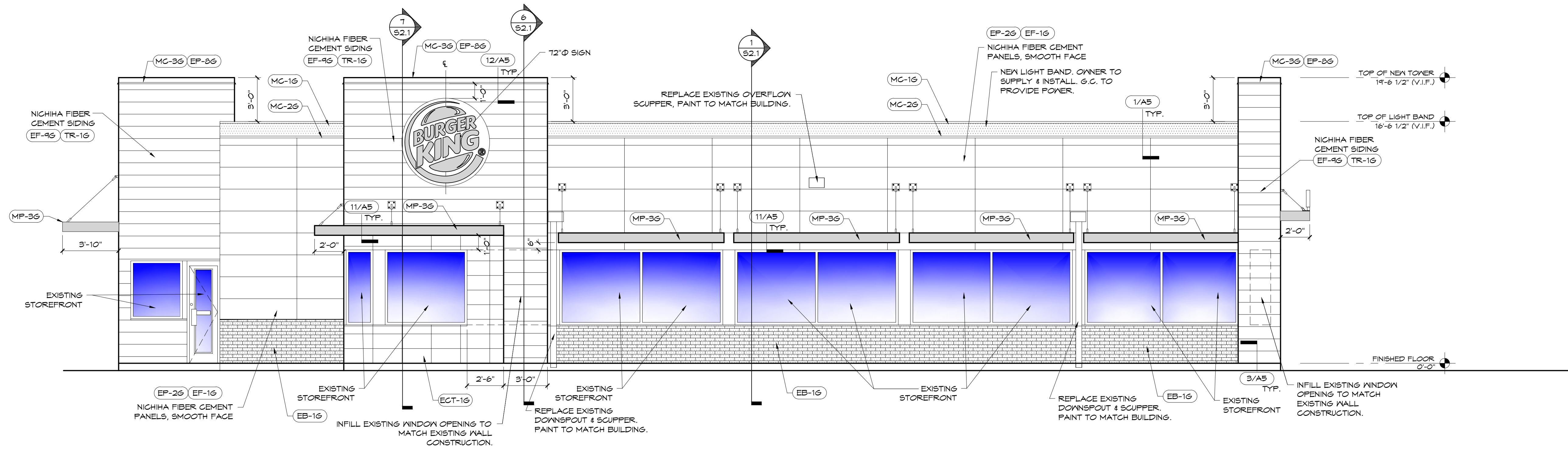
2 EXISTING WEST ELEVATION
 SCALE: 1/4" = 1'-0"



1 EXISTING NORTH ELEVATION
 SCALE: 1/4" = 1'-0"



3 EXISTING EAST ELEVATION
 SCALE: 1/4" = 1'-0"



1 PROPOSED SOUTH ELEVATION
A-4 SCALE: 1/4" = 1'-0"

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NOTE
SEE SHEET A-5 FOR EXTERIOR FINISH DETAILS.

NOTE
ALL AWNING DIMENSIONS TO BE FIELD VERIFIED PRIOR TO FABRICATION.

NOTE
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NOTE
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EXTERIOR FINISH SCHEDULE							
CODE	MATERIAL	LOCATION	MANUFACTURER	PRODUCT	DESCRIPTION	DIMENSION	ADDITIONAL INFORMATION
EB-16	EXTERIOR FINISH FIBER CEMENT BRICK PANELS	GENERAL	NICHHA FIBER CEMENT	NICHHA CANYON BRICK PANELS	UNFINISHED MUST BE PAINTED TO MATCH EP-46	18" X 6"	CONTACT: CHRIS TATE T70.805.9466 OR 404.530.1261 EMAIL: CTATE@NICHHA.COM INSTALL PER MANUFACTURER'S SPECIFICATIONS
ECT-16	EXTERIOR CERAMIC TILE	ACCENT AT BUILDING FRONT	GRANITE FIANDRE/EUROWEST	SENSIBLE STONE ED8052 (USE GR-46)	RED NATURAL STACKED BOND PATTERN	12" X 24"	CONTACT: JAN DETER AT EUROWEST PHONE: 714.309.8551 CONTACT: JOY KLEIN AT TRANS CERAMICA EMAIL: JKLEIN@TRANSCERAMICA.COM PHONE: 813.934.3302
EF-16	FIBER CEMENT SIDING PANELS	GENERAL	NICHHA FIBER CEMENT	NICHHA ARCHITECTURAL BLOCK - LARGE	COLOR TO MATCH EP-26 "TAUPE TONE"		CONTACT: ANDREW BRIGGS T70.805.9466 OR 866.424.4211 EMAIL: ABRIGGS@NICHHA.COM INSTALL PER MANUFACTURER'S SPECIFICATIONS
EF-46	EXTERIOR FINISH FIBER CEMENT	EXTERIOR SIGN ARCHONS		VINTAGE WOOD EF162	CEDAR	18" X 10"	
TR-16	ALUMINUM TRIMS			ALUMINUM TRIMS			
EP-26	EXTERIOR PAINT	EXTERIOR GENERAL ABOVE WAINGSCOT	PPG	PRIMER: 17-921 PAINT: 6-2045XI EXTERIOR SPEEDHIDE SATIN	TAUPE TONE		CONTACT: RICK GARLIN, PPG CORPORATE NATIONAL ACCOUNTS MANAGER PHONE: 317.318.5000 EMAIL: GARLIN@PPG.COM
EP-46	EXTERIOR PAINT	EXTERIOR WAINGSCOT		PRIMER: 17-921 PAINT: 6-2045XI EXTERIOR SPEEDHIDE SATIN LATEX	MONTERREY CLIFFS		
EP-86	EXTERIOR PAINT	METAL COPING AT ARCHON TOWERS		PRIMER: 17-921 PAINT: 6-2045XI EXTERIOR SPEEDHIDE SATIN LATEX	CEDAR		
EXT-6	EXTERIOR PAINT	POLES & SIGNS		PRIMER: 17-921 PAINT: 6-2045XI EXTERIOR SPEEDHIDE SATIN LATEX	BLACK		
EGR-36	GROUT	WAINGSCOT BRICK	MAPEI	#5 CHAMOIS (USE WITH EB-16)	#5 CHAMOIS		NOTE: USE WITH EB-16 ON EXTERIOR FINISH SCHEDULE
EGR-46	GROUT	CERAMIC TILE	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#335 WINTER GRAY		NOTE: USE WITH ECT-1 ON EXTERIOR FINISH SCHEDULE
MC-16	METAL COPING	TOP OF LIGHT BAND WALL GAP	W.P. HICKMAN SYSTEMS, INC.	PERMA SNAP PLUS	A-30 "SILVERSMITH"		CONTACT: W.P. HICKMAN COMPANY PHONE: 828.676.1100 WEBSITE: WWW.WPH.COM
MC-26	METAL COPING	BELOW LIGHT BAND			FACTORY FINISH TO MATCH EP-26		
MC-36	METAL COPING	ABOVE EXTERIOR SIGN ARCHONS			COPING TO BE PAINTED EP-86 (CEDAR)		
MP-36	METAL CANOPY	ABOVE DOORS	*SEE APPROVED CANOPY SUPPLIERS	CUSTOM METAL CANOPY	COLOR: CLEAR ANODIZED	*SEE PLANS	



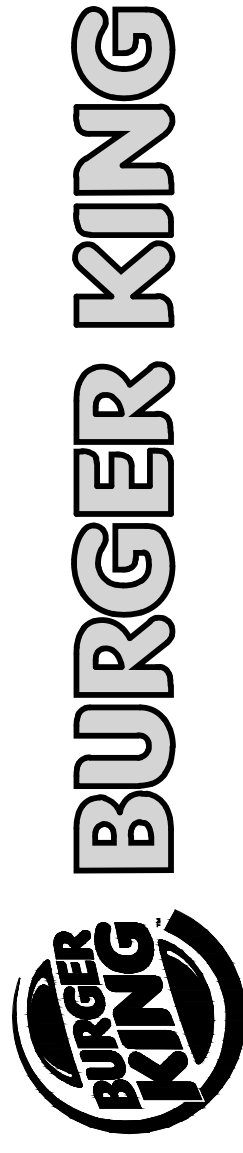
+40" A.F.F.
ADA SYMBOL OF ACCESSIBILITY (ISA) DECAL TO BE LOCATED ON STOREFRONT GLASS ADJACENT TO ALL ACCESSIBLE DOORS.

2 ADA WINDOW DECAL DETAIL
A-4 SCALE: N.T.S.

WARREN JOHNSON ARCHITECTS, INC.
19 N. GREELEY STREET
PALATINE, ILLINOIS 60067
TEL. 847.359.9616
FAX 847.359.9641

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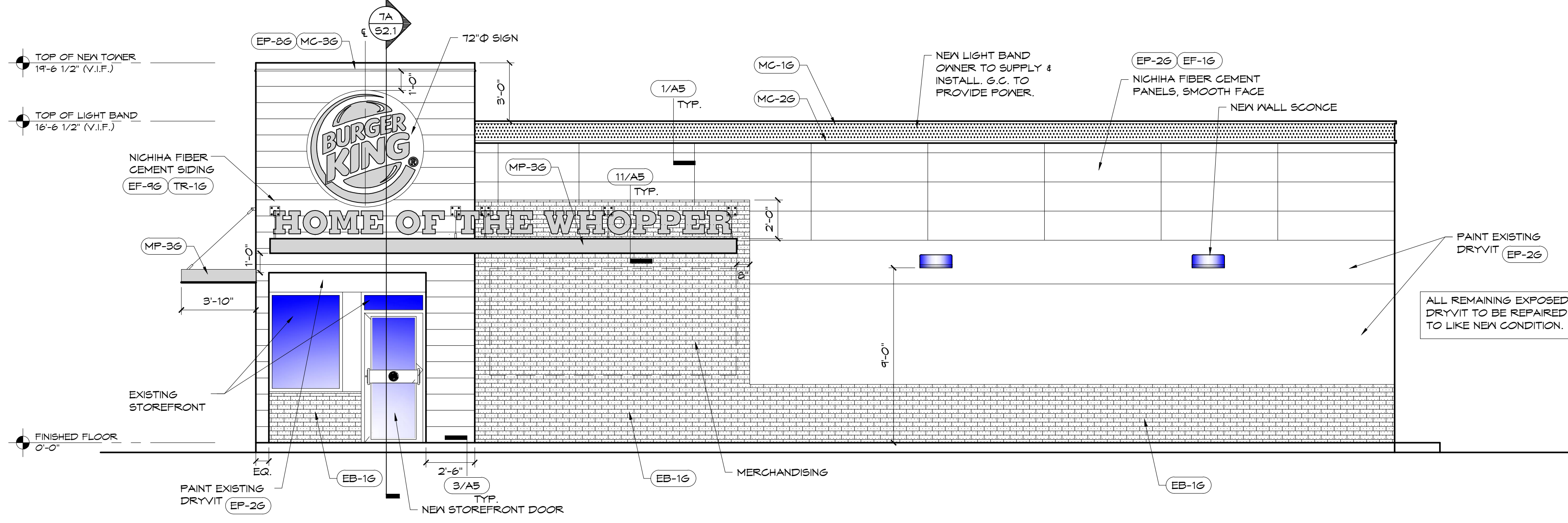
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STORE #10284
695 7TH ST. EAST
ST. PAUL, MN 55106

PROPOSED EXTERIOR ELEVATIONS

SHEET

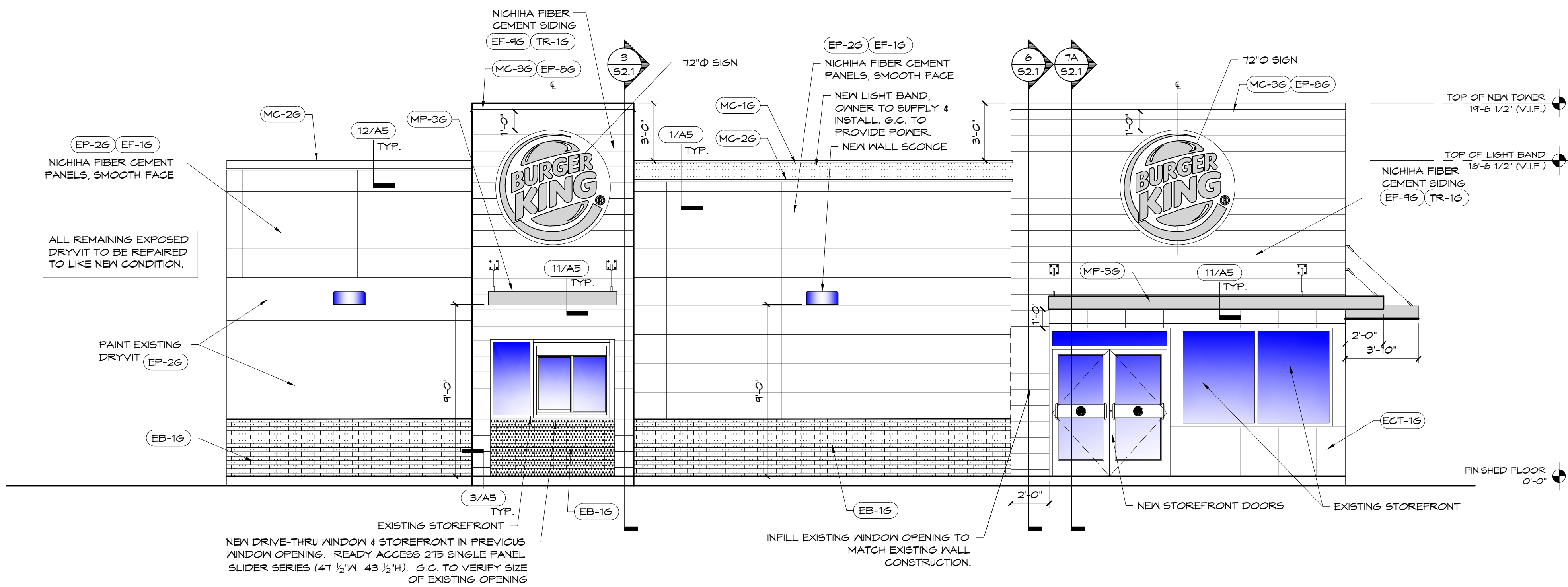
A-4

FOUR OF NINE

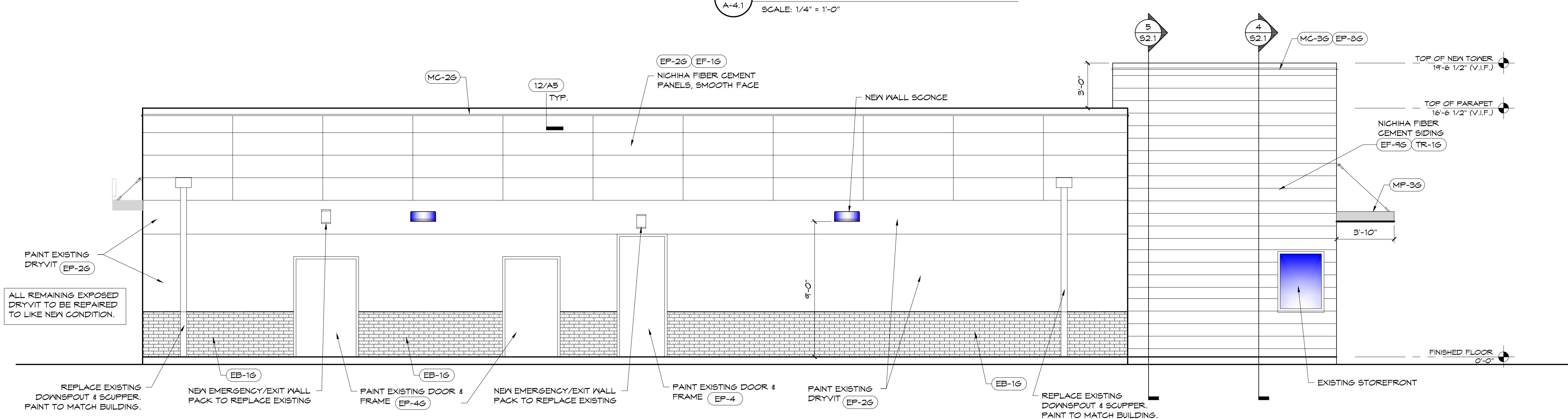


1 PROPOSED EAST ELEVATION
 A-4.1 SCALE: 1/4" = 1'-0"

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2 PROPOSED WEST ELEVATION
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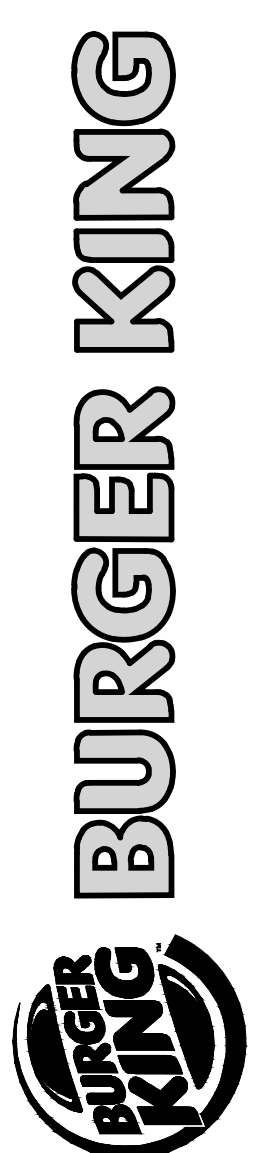
3 PROPOSED NORTH ELEVATION
 A-4.1 SCALE: 1/4" = 1'-0"

- NOTE**
 SEE SHEET A-5 FOR EXTERIOR FINISH DETAILS.
- NOTE**
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- NOTE**
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WARREN JOHNSON ARCHITECTS, INC.
 19 N. GREELEY STREET
 PALATINE, ILLINOIS 60067
 TEL. 847.359.9616
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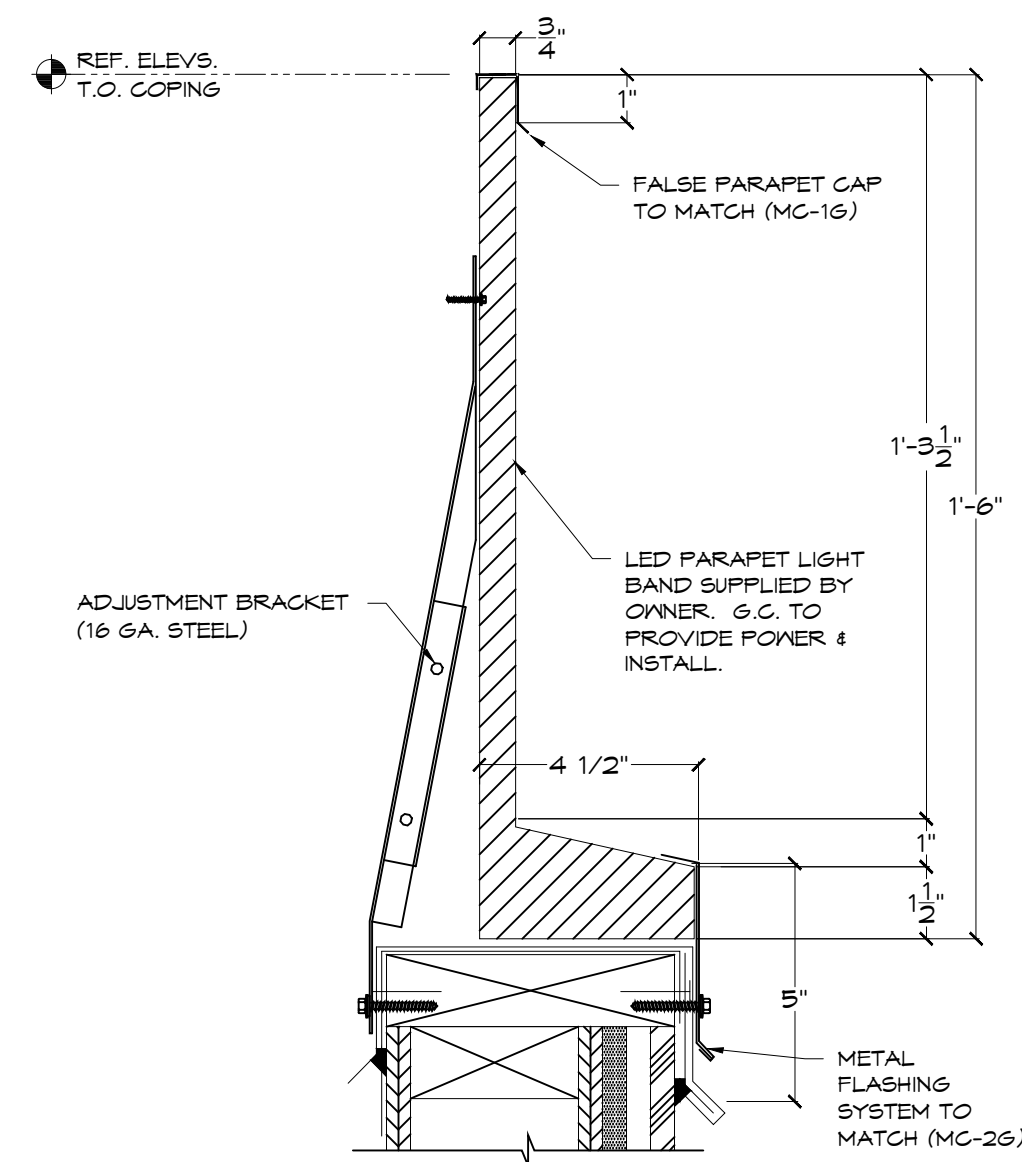
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PROPOSED EXTERIOR ELEVATIONS

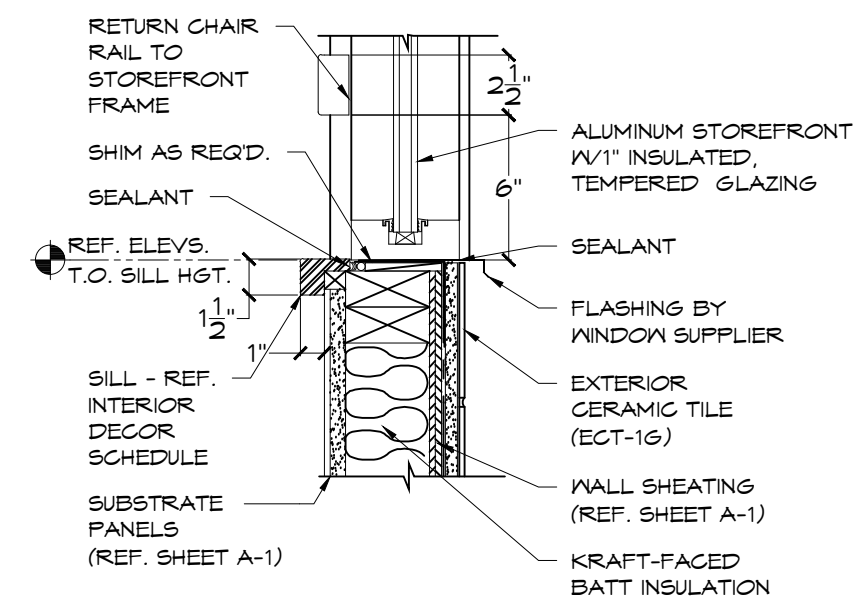
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A-4.1

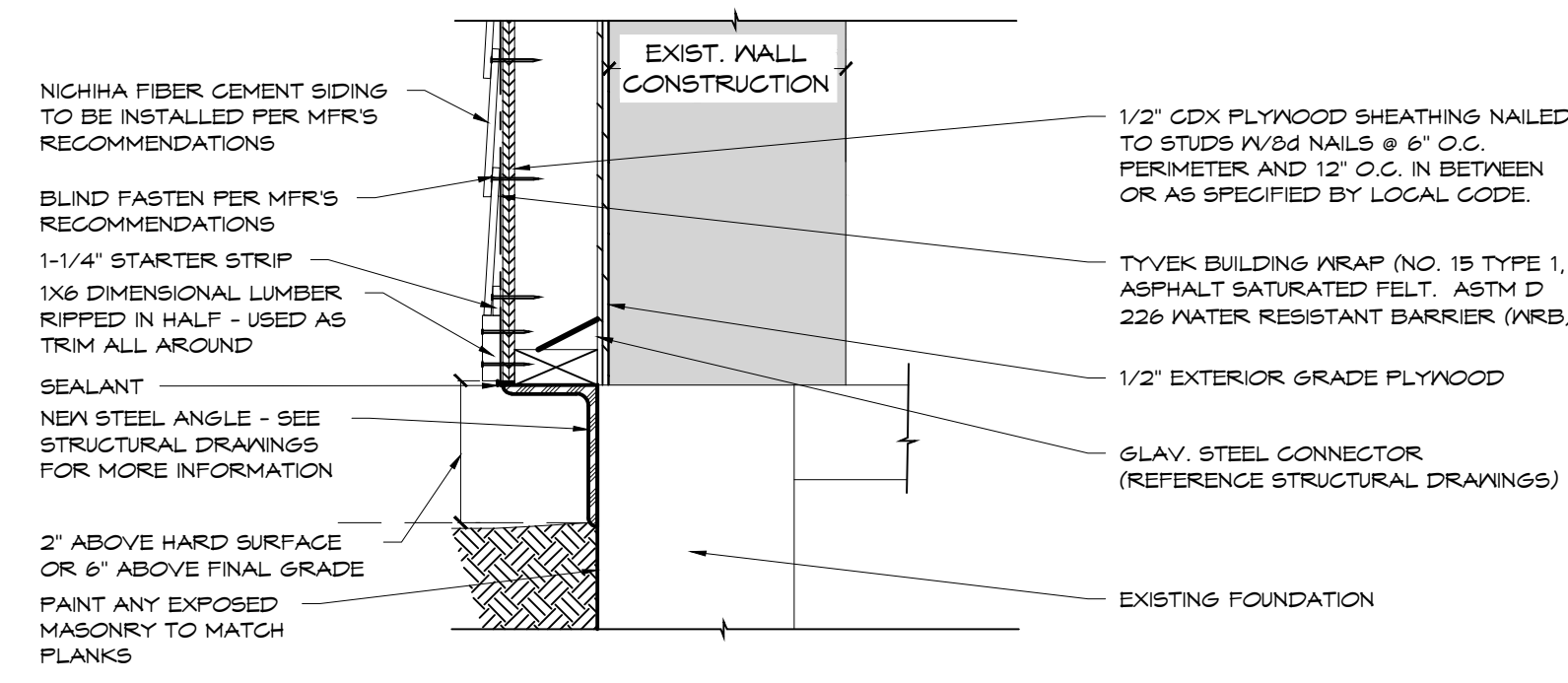
FIVE OF NINE



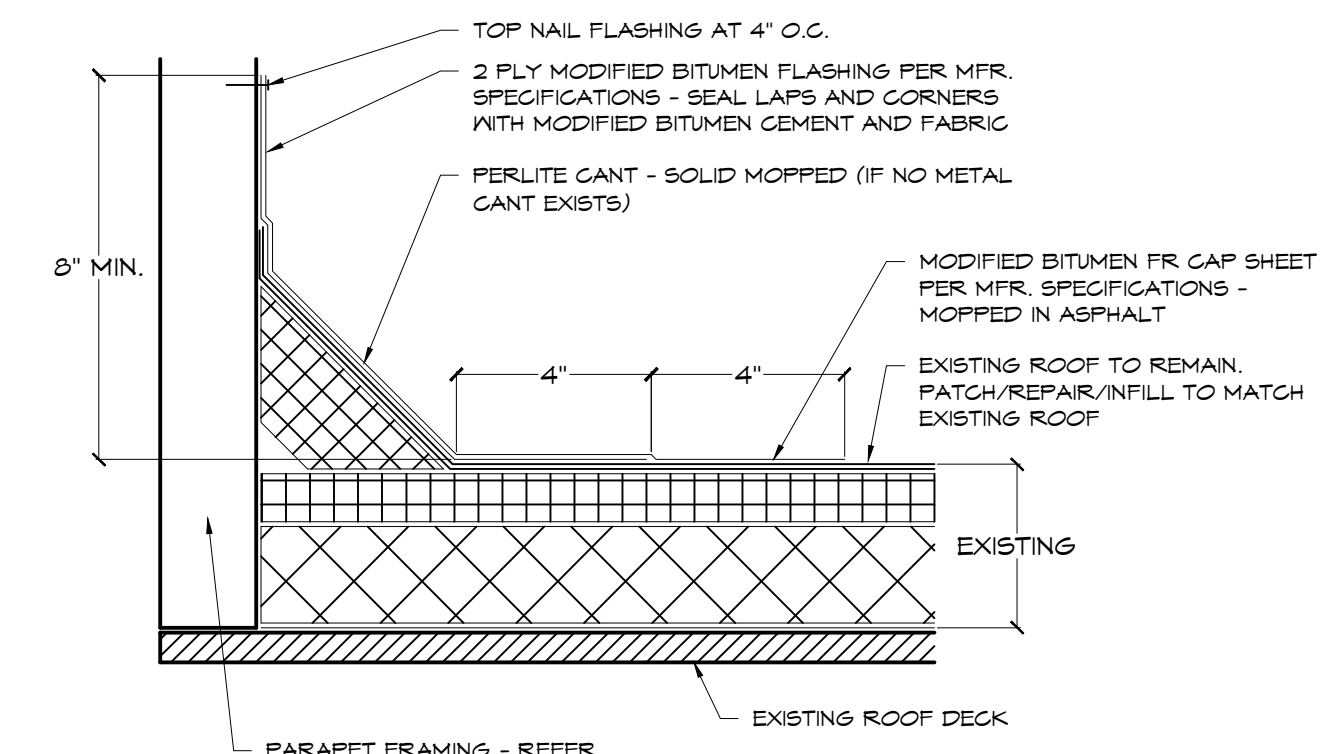
1 PARAPET LIGHT BAND DETAIL
SCALE: 3" = 1'-0"



2 SILL DETAIL
SCALE: 1 1/2" = 1'-0"

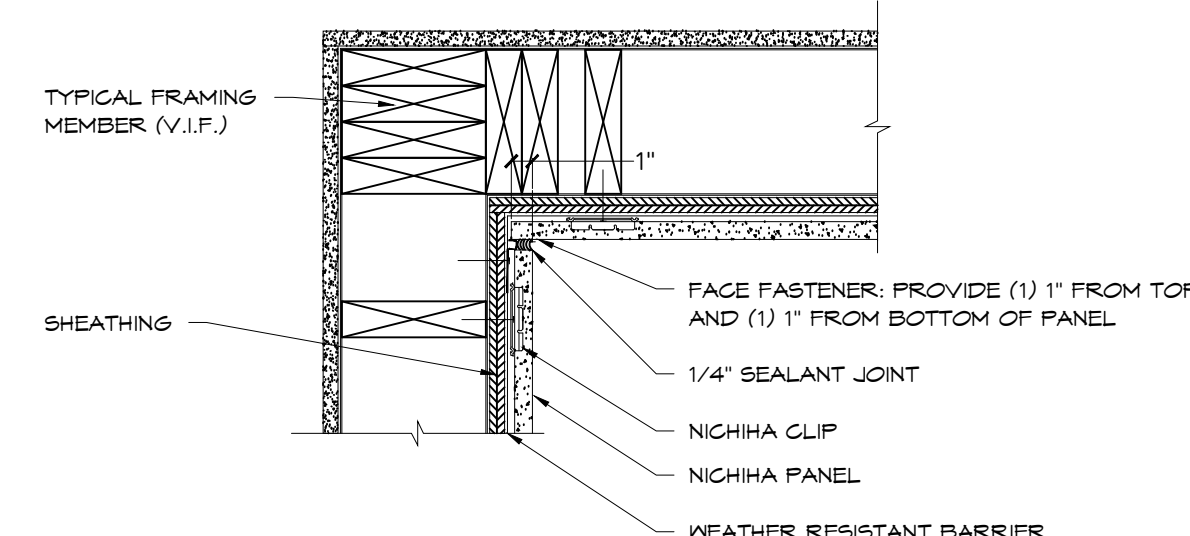


3 NICHIBA SIDING PANEL TERMINATION AT GRADE
SCALE: 1 1/2" = 1'-0"



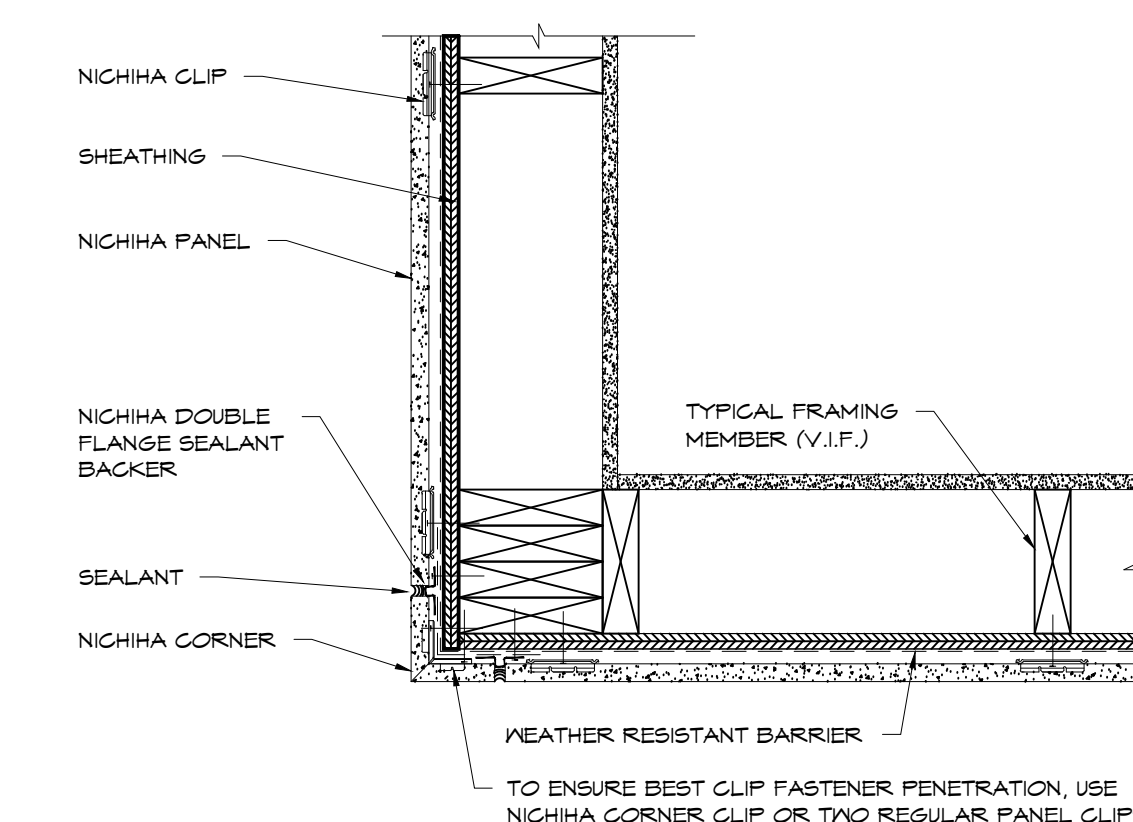
4 STANDARD BASE FLASHING DETAIL
SCALE: 3" = 1'-0"

GENERAL NICHIBA NOTES:
1. THIS DETAIL IS A GUIDE FOR INSTALLATION OF NICHIBA PRODUCTS. CONTRACTORS ARE RESPONSIBLE FOR SUCCESSFUL APPLICATION, WHICH DEPENDS UPON SUBSTRATE DESIGN AND CONSTRUCTION BUILT IN ACCORDANCE WITH BEST PRACTICES AND LOCAL BUILDING CODES.
2. NICHIBA PANEL (REPRESENTED HERE IS 3/8" NICHIBA PRODUCT, ADJUST ACCORDINGLY FOR OTHER NICHIBA PRODUCT THICKNESSES).
3. ADD STUD, BLOCKING OR STUD EXTENDER AS REQUIRED FOR CLIP ATTACHMENT.
4. SHEATHING (REPRESENTED HERE IS 1/2" PLYWOOD OR 3/8" OSB (IF USING OTHER THICKNESSES, ADJUST ACCORDINGLY).



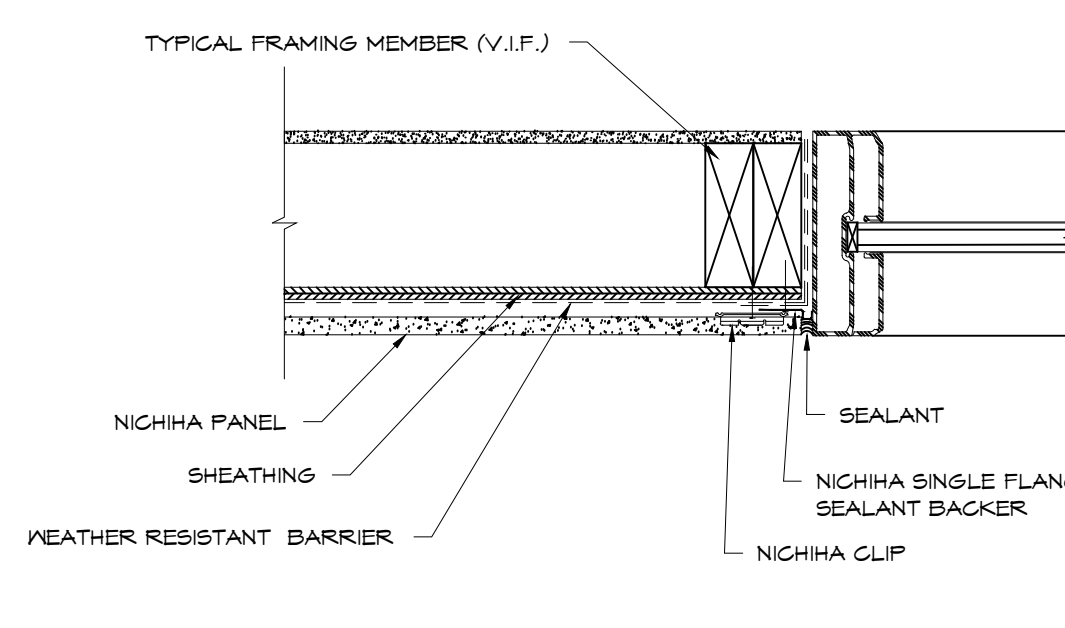
5 NICHIBA INSIDE CORNER DETAIL
SCALE: 1 1/2" = 1'-0"

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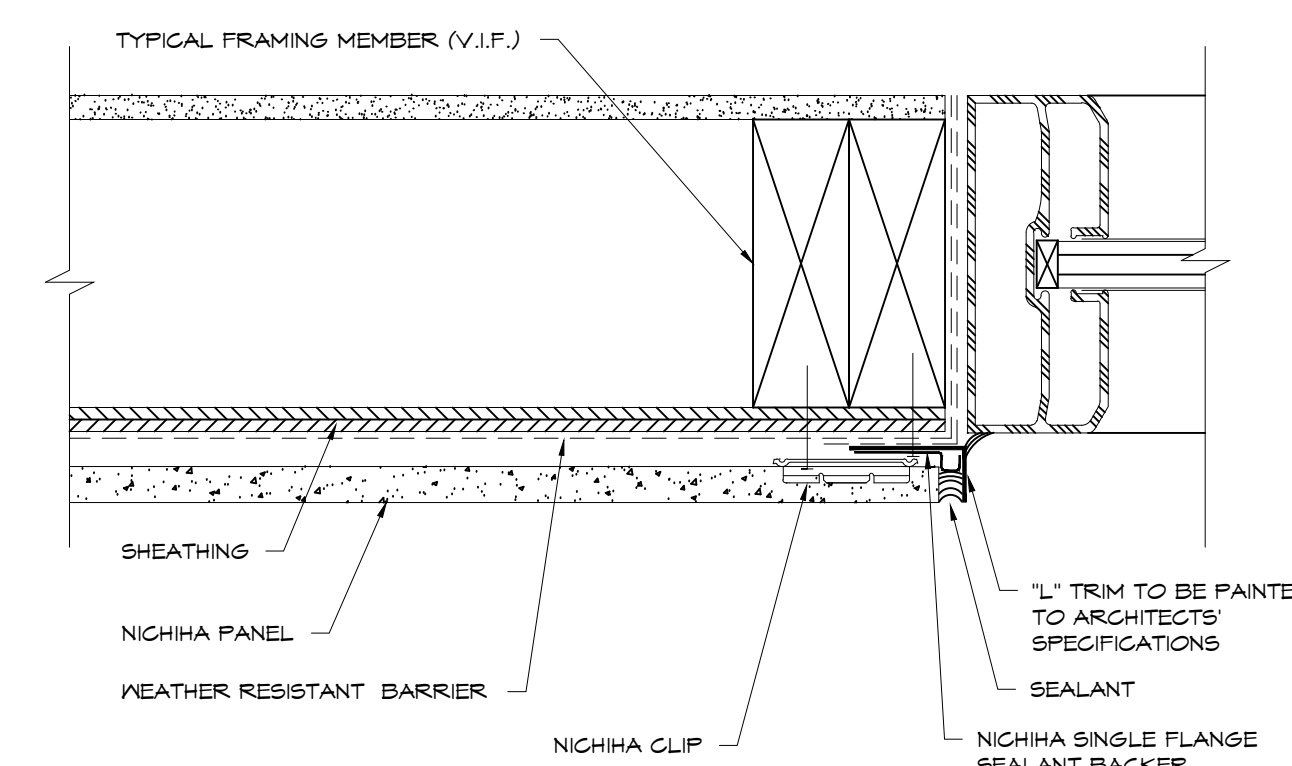
6 NICHIBA OUTSIDE CORNER DETAIL
SCALE: 1 1/2" = 1'-0"

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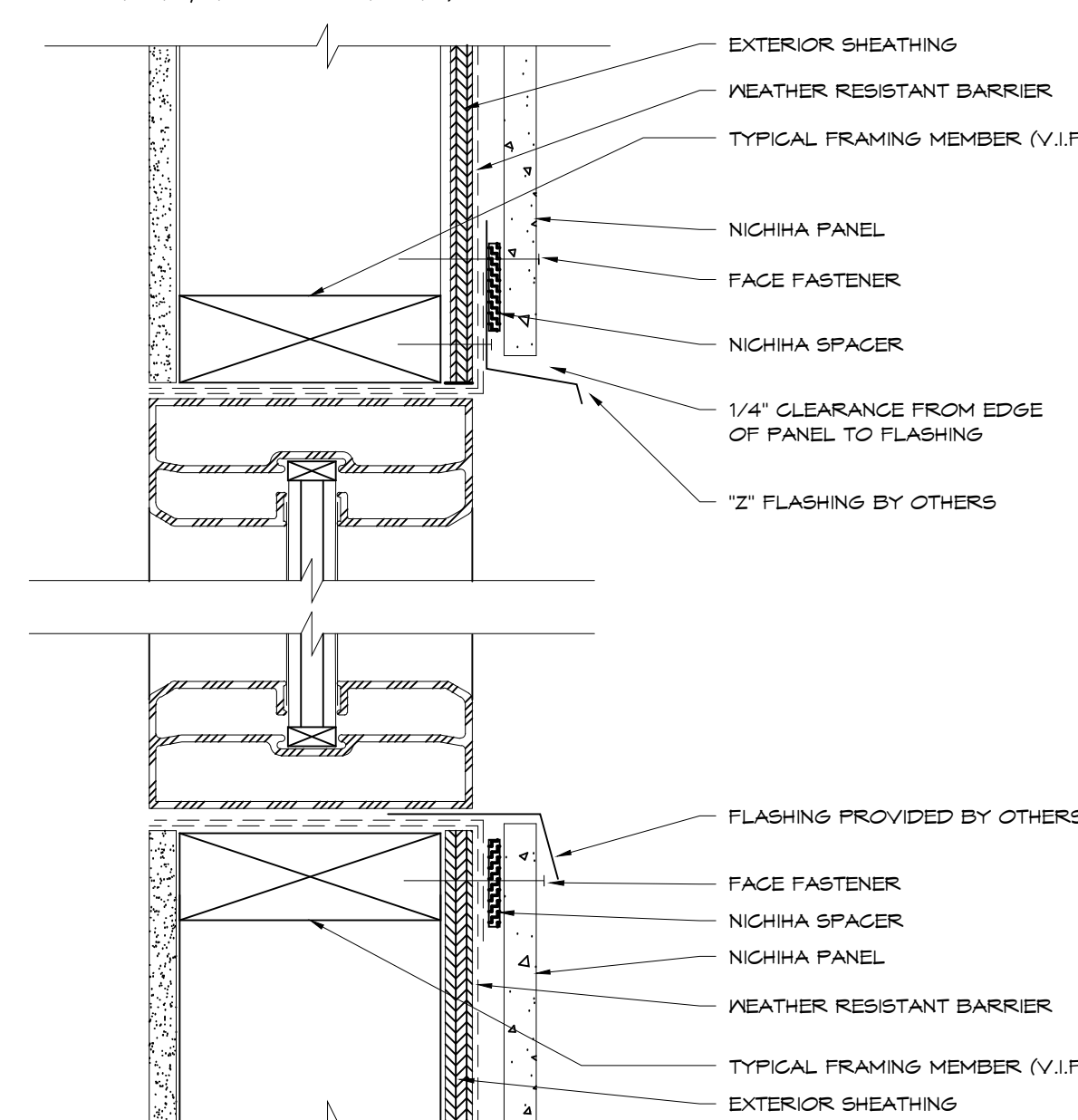
7 NICHIBA WINDOW JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

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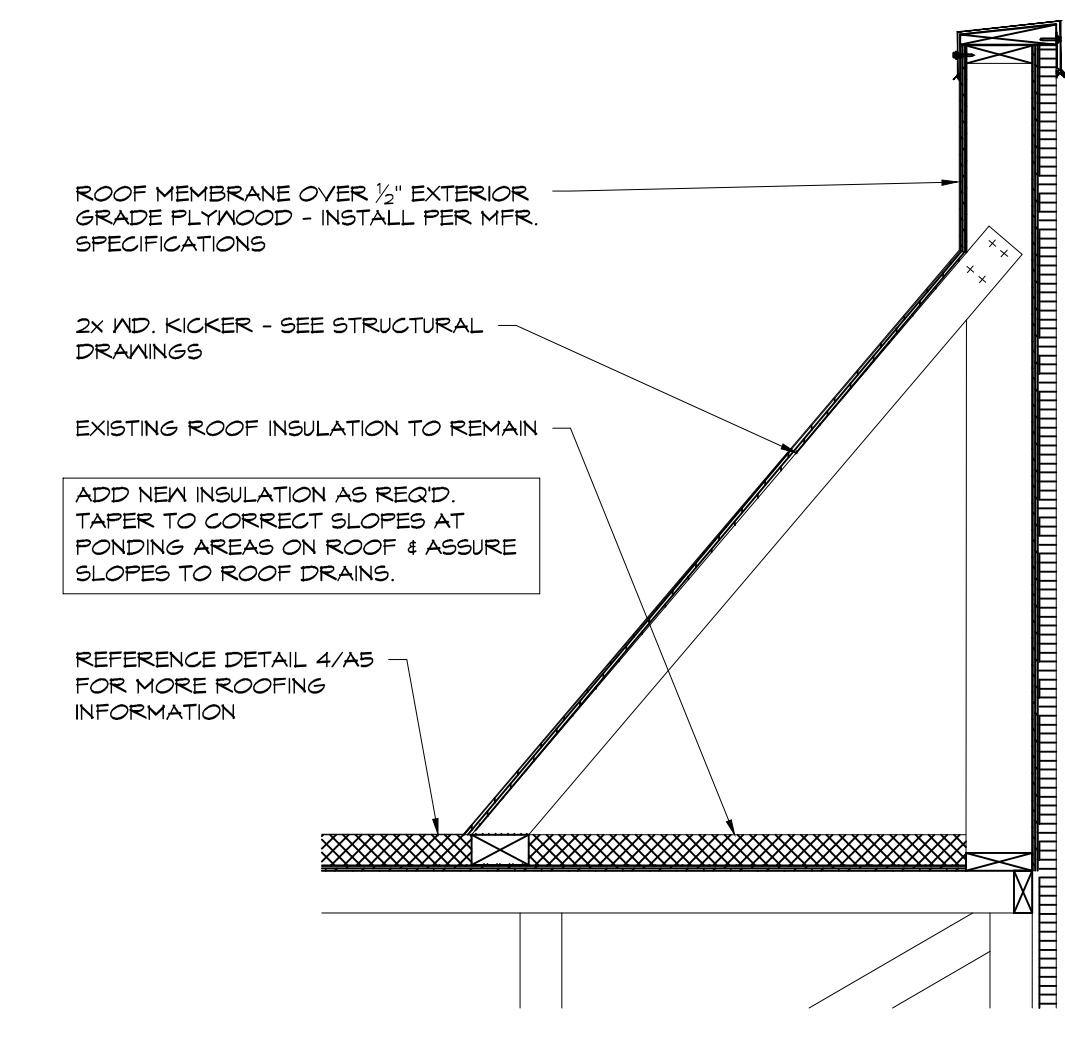
8 NICHIBA RECESSED WINDOW JAMB DETAIL
SCALE: 1 1/2" = 1'-0"

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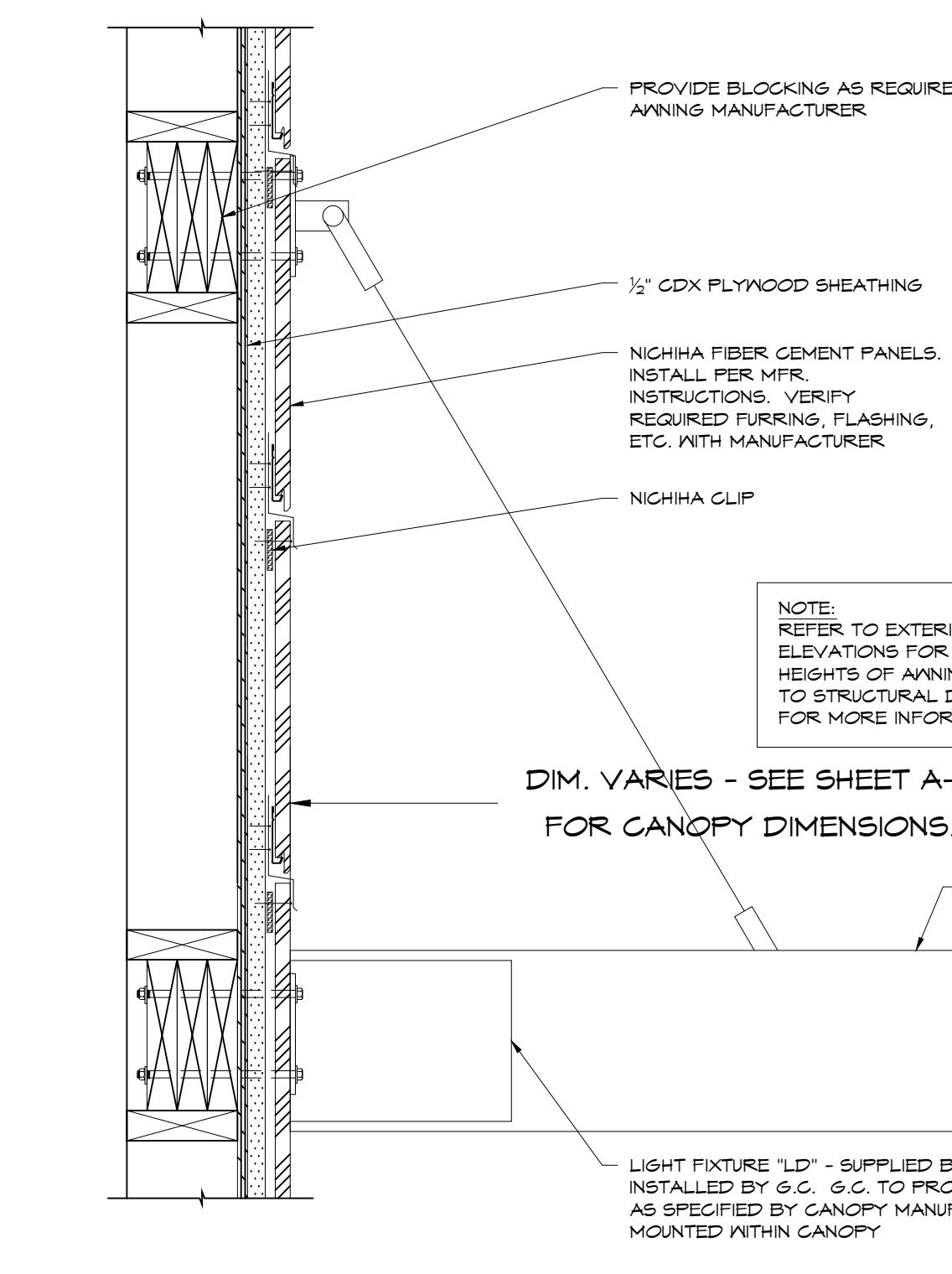


9 NICHIBA RECESSED WINDOW HEADER & SILL DETAIL
SCALE: 3" = 1'-0"

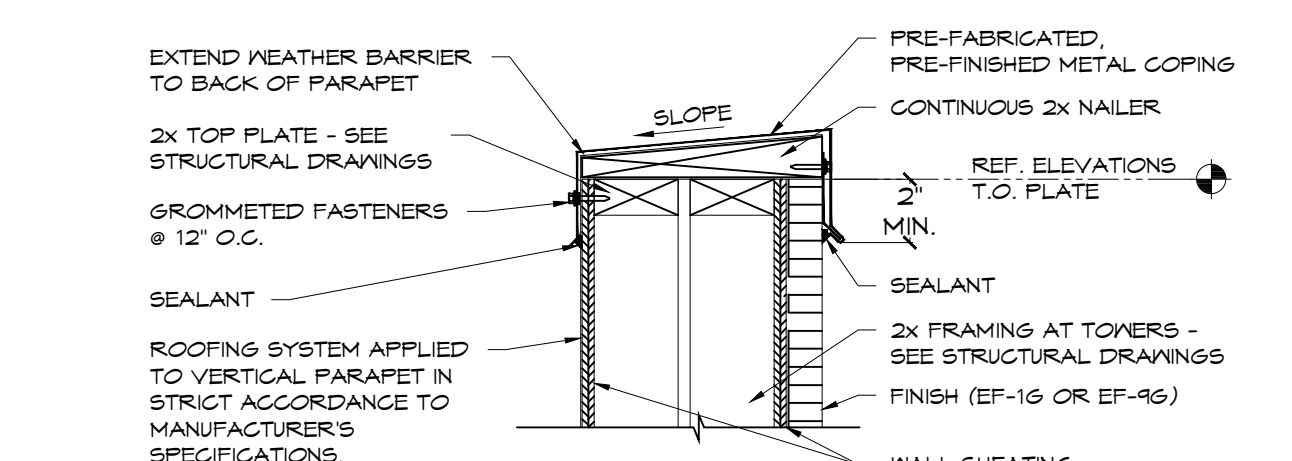
G.C. TO PROVIDE NEW EPDM ROOF. INFILL ANY EXISTING ABANDONED ROOF OPENINGS AS REQUIRED. ADD NEW INSULATION (R-30) AS REQUIRED. TAPER TO CORRECT SLOPES AT PONDING AREAS ON ROOF & ASSURE SLOPES TO ROOF DRAINS.



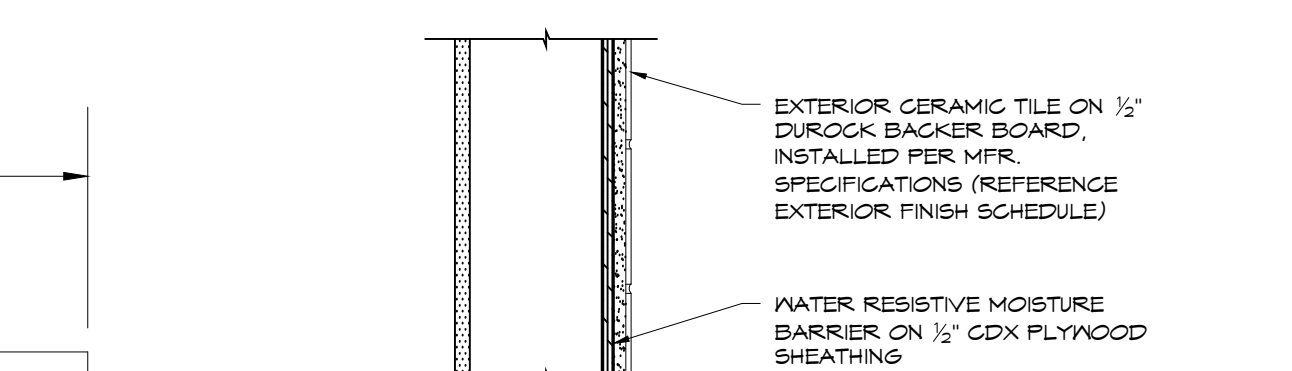
10 PARAPET KICKER DETAIL
SCALE: 3/4" = 1'-0"



11 AWNING ATTACHMENT DETAIL
SCALE: 1 1/2" = 1'-0"



12 PARAPET CAP DETAIL
SCALE: 1 1/2" = 1'-0"



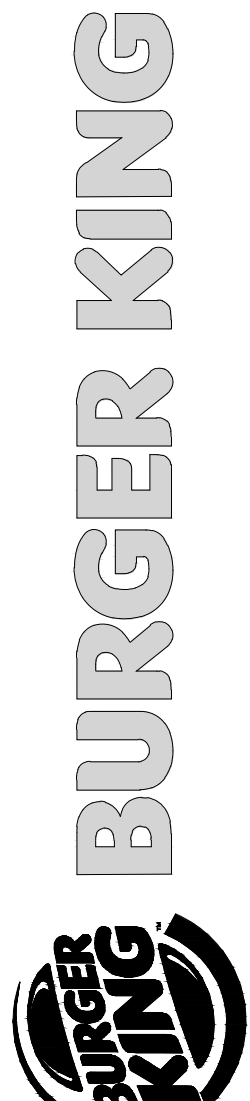
13 CERAMIC TILE DETAIL
SCALE: 1 1/2" = 1'-0"

REFER TO STRUCTURAL DRAWINGS FOR FRAMING DETAILS AND INFORMATION.

WARREN JOHNSON ARCHITECTS, INC.
19 N. GREELEY STREET
PALATINE, ILLINOIS 60067
TEL. 847.359.9616
FAX 847.359.9641

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: _____ REGISTRATION NO. 020694



ISSUE DATES / REVISIONS		
NO.	DESCRIPTION	DATE
4	CONSTRUCTION SET	4-19-16
3	PLAN REVIEW COMMENTS	3-7-16
2	REVIEW REVISION	2-16-16
1	PERMIT SUBMITTAL	2-11-16

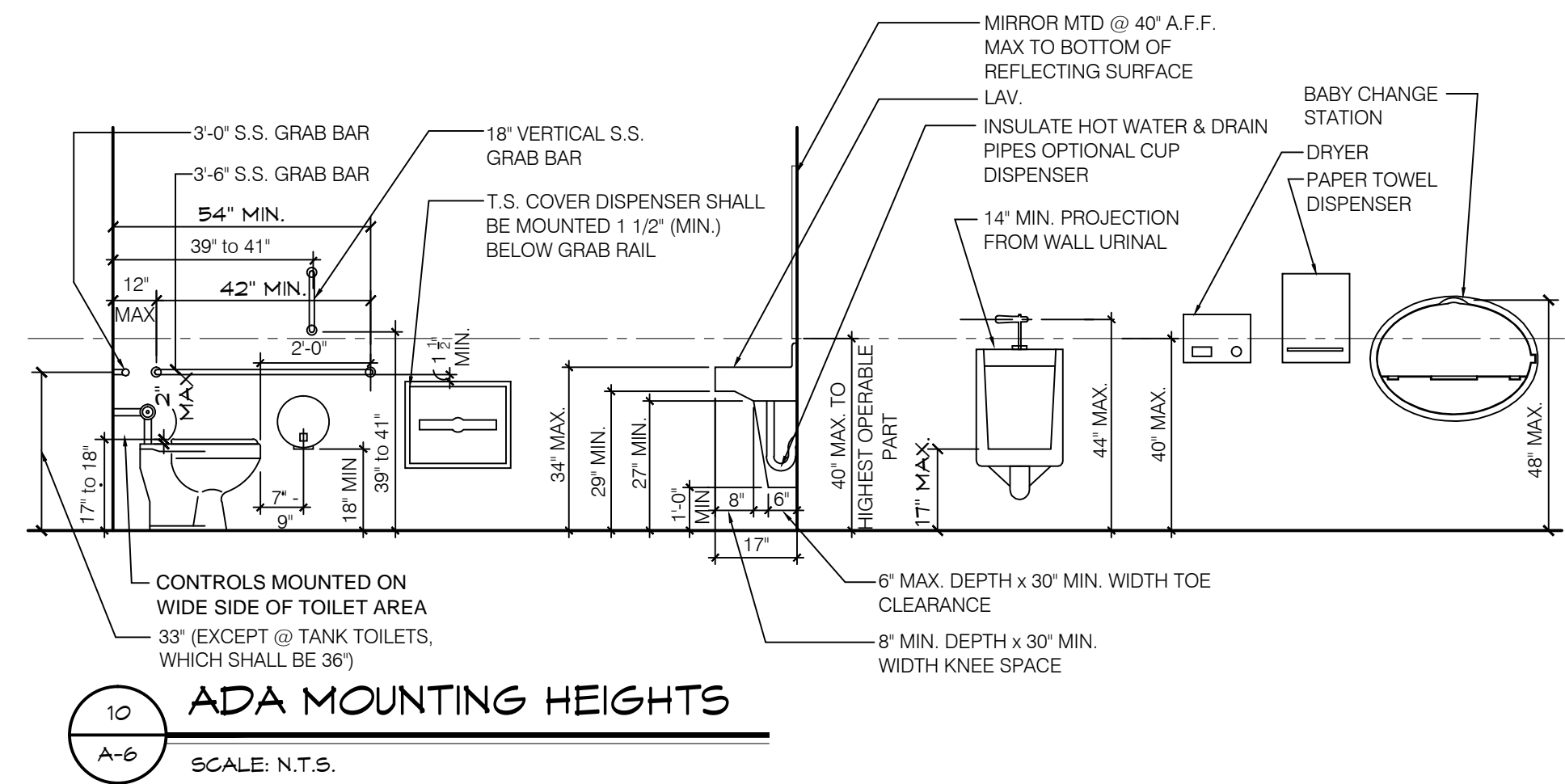
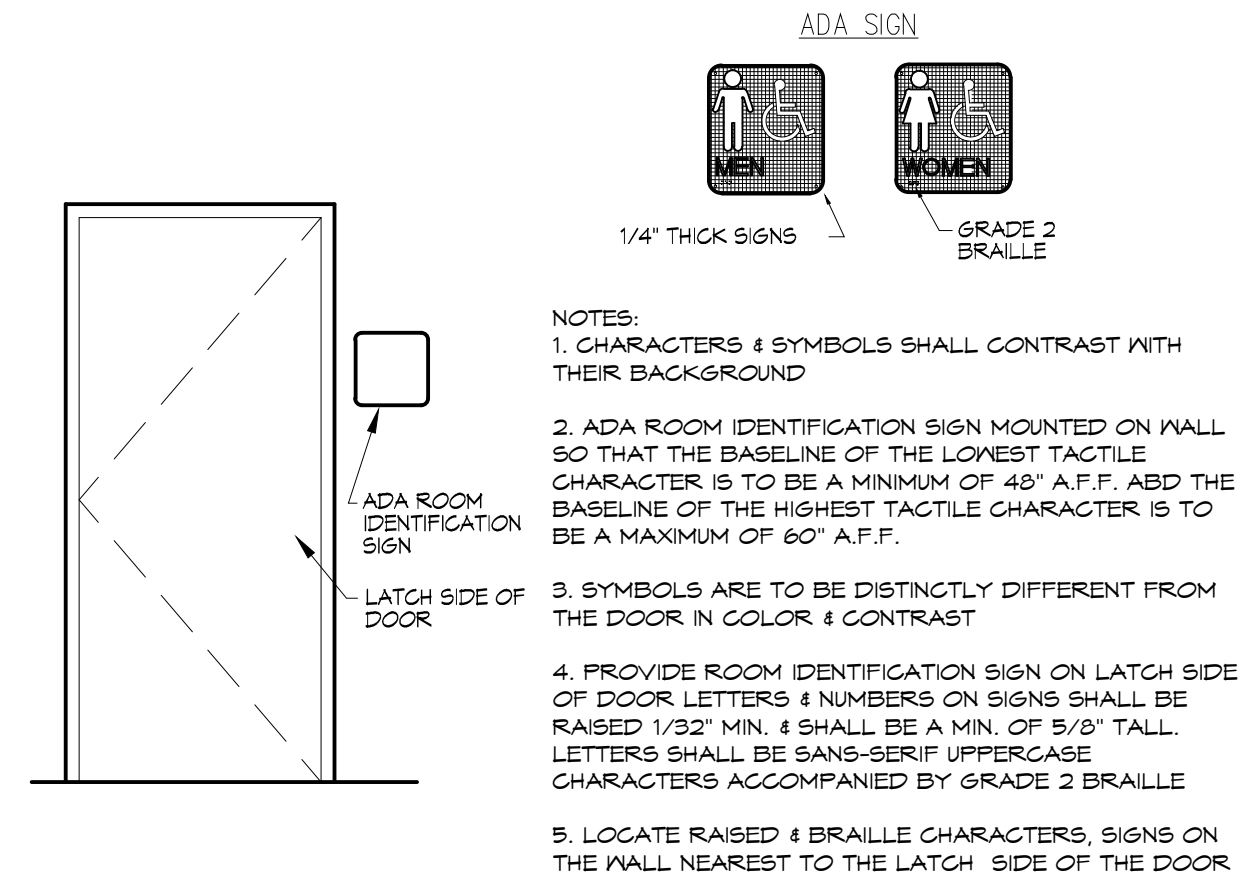
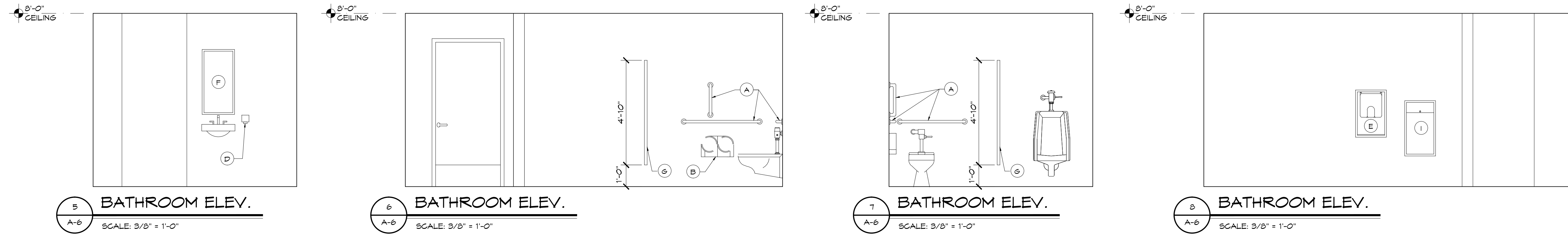
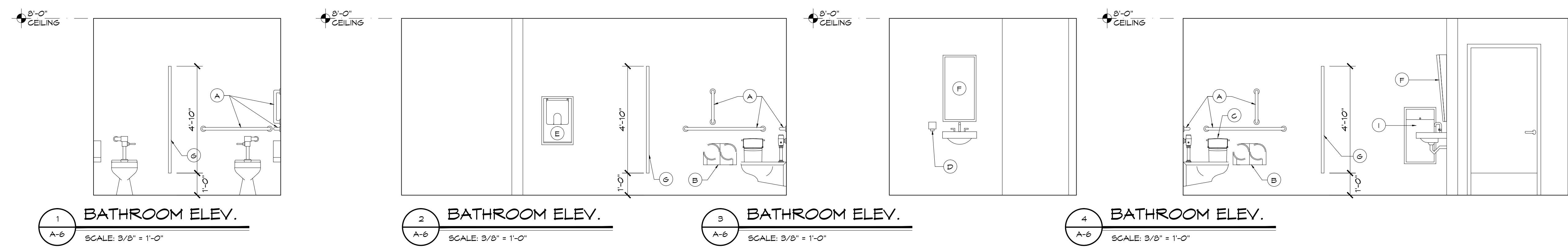
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DRAWN BY: J. THORSTENSON
CHECKED BY: M. JOHNSON
DATE: 12.23.15
PROJECT NO: 15104

BURGER KING
STORE #10284
695 7TH ST. EAST
ST. PAUL, MN 55106

CONSTRUCTION DETAILS

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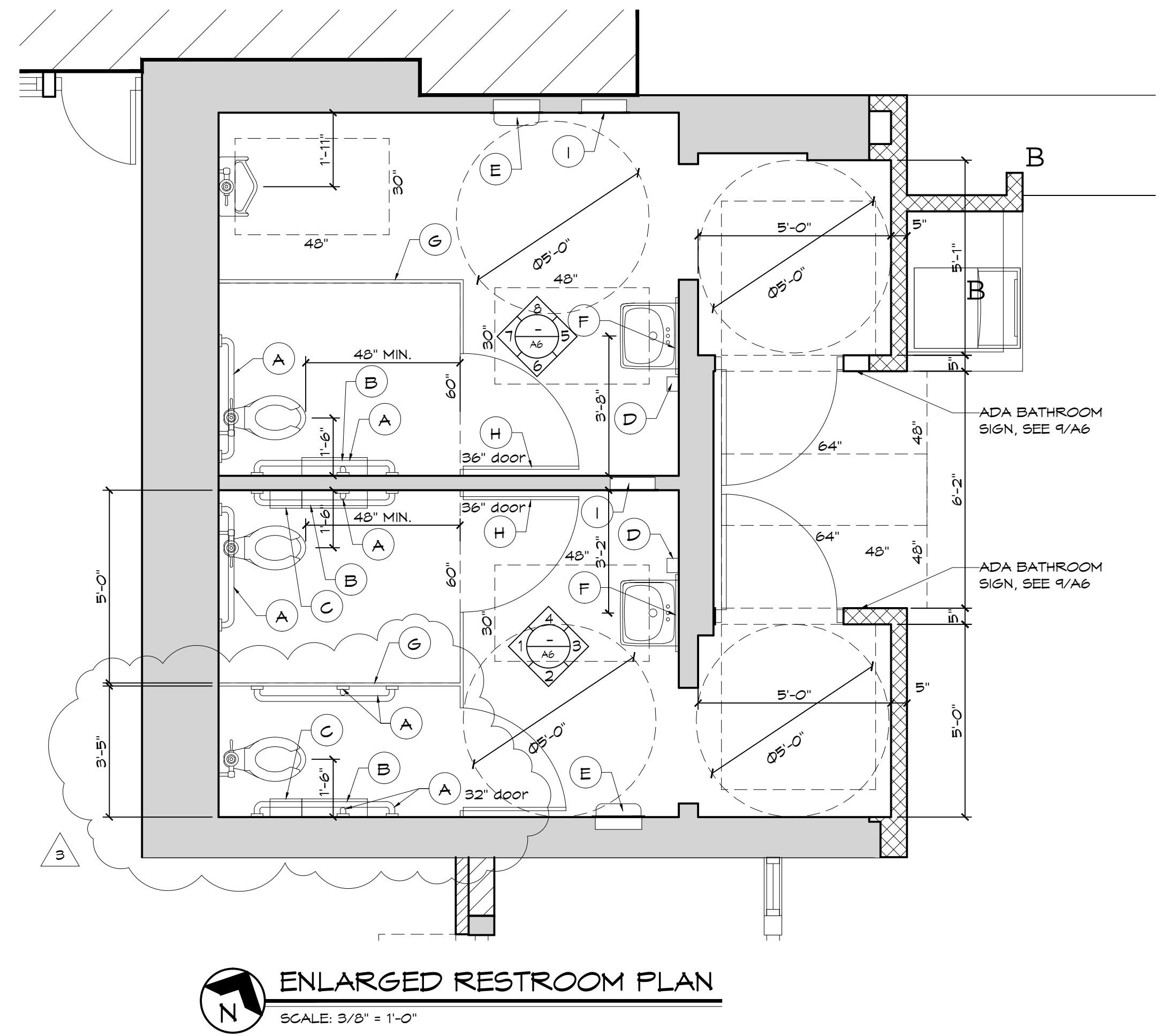


TOILET EQUIPMENT SCHEDULE				
ITEM NO.	ITEM	MANUF. # & #	MOUNTING HEIGHT	REMARKS
(A)	GRAB BARS	BOBRICK 250 LBF. MIN.	36" MAX. A.F.F., NOTE C	FINED GRIP, POLISHED ENDS
(B)	TOILET TISSUE DISPENSER	NORTH AMERICAN CORP. MODEL P58250	24" MAX. A.F.F., NOTE C, D	SURFACE MOUNTED
(C)	SANITARY NAPKIN DISPOSAL	BOBRICK CONTURA B-210		WOMEN'S ROOM ONLY
(D)	SOAP DISPENSER	SUPPLIED BY ECOLAB	SEE NOTE A, C	SEE NATIONAL ACCOUNTS
(E)	HAND DRYER	COLUMBIA VORTEX MODEL 4HD-635-210	SEE NOTE A, C	SEE SPECIFICATIONS XL-RK FOR RECESS KIT
(F)	MIRROR	MODEL#B-165-1036(10X36)	40" A.F.F. TO BOTTOM SEE NOTE C	BOBRICK THEFT RESISTANT SURFACE MOUNTED EQUIV.
(G)	PARTITION	BOBRICK 1080/1180 DURALINE SERIES #EO-01	SEE NOTE B, C, E	COLOR: BLACK
(H)	COAT HOOK (ACCESSIBLE)	BOBRICK MODEL B-6111	48" MAX. A.F.F., NOTE A	DOOR MOUNTED
(I)	WASTE RECEPTACLE	BOBRICK MODEL B-3644	41-45" A.F.F., NOTE C	RECESSED

NOTE A: OPERATING CONTROLS OF ALL HAND DRYERS, SOAP DISPENSERS AND MULTI PURPOSE UNITS TO BE 42" A.F.F.
 NOTE B: G.C. TO FIELD VERIFY ALL SIZES.
 NOTE C: PROVIDE BLOCKING FOR ALL WALL MOUNTED FIXTURES AND ACCESSORIES.
 NOTE D: TOILET TISSUE & PAPER TOWEL DISPENSERS SUPPLIED FREE FROM LOCAL DCP, INSTALLED BY G.C.
 NOTE E: MARLITE LAMINATE OR PHENOLIC URINAL SCREEN AND TOILET PARTITIONS MAY BE USED AS AN ALTERNATE TO BOBRICK SPECIFICATION.

SEE 10/A6 FOR ACCESSIBLE MOUNTING HEIGHTS

NOTES:
 LAVATORY MIRRORS TO BE MOUNTED SO THAT REFLECTING SURFACE IS 40" MAX. ABOVE THE FLOOR.
 HOT WATER AND DRAIN PIPES EXPOSED UNDER SINK MUST BE INSULATED TO PROTECT AGAINST CONTACT.
 PROVIDE FIRE TREATED WOOD BLOCKING AT ALL GRAB BAR LOCATIONS.



BURGER KING

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3	PLAN REVIEW COMMENTS	3-7-16
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NO. DESCRIPTION DATE:
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 CHECKED BY: M. JOHNSON
 DATE: 12.23.15
 PROJECT NO: 15104

BURGER KING
 STORE #10284
 695 7TH ST. EAST
 ST. PAUL, MN 55106

BATHROOM DETAILS

DOOR SCHEDULE

DOOR
 OPENING: 3'-0"X7'-0"X1 3/4"XADKAF
 MATERIAL: ALUMINUM / GLASS
 FINISH: FACTORY FINISH - TO MATCH EXISTING

HARDWARE
 ENTRANCE DOOR HARDWARE SHALL CONSIST OF OFFSET PIVOTS, ADAMS RITE (MS1850S DEAD BOLT LOCK IN INTERIOR SIDE), KEYPED LOCK FROM EXTERIOR, NORTON 1609 SURFACE CLOSERS WITH BACK CHECK, STANDARD THRESHOLDS, LOCKS, CYLINDERS AND THRESHOLDS SHALL BE OMITTED ON INTERIOR VESTIBULE DOORS. (IF VESTIBULE IS PROVIDED) DUMMY CYLINDERS SHALL BE PROVIDED ON THE EXTERIOR OF ALL DOORS EXCEPT AT MAIN ENTRY.

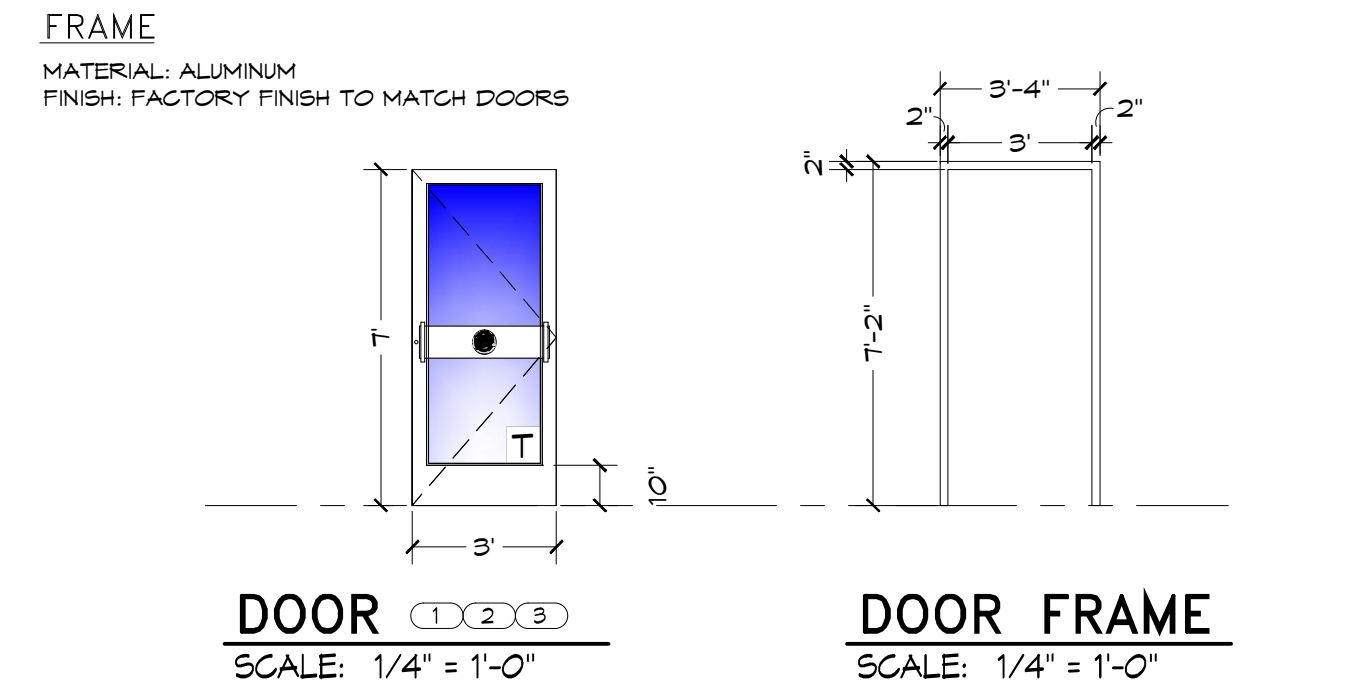
DOOR HANDLES:
 NO. OF ITEMS PER DOOR: (2) ONE FOR INTERIOR, ONE FOR EXTERIOR
 DESCRIPTION: 1/2" WOOD 8" x 95" x 3/4" WITH 1" x 3/8" POWDER COATED METAL BRACKETS TO MATCH DOOR FINISH, 6" BRANDED LOGO CENTERED AT HANDLE, TOP OF HANDLE 48" MAX. A.F.F. NAUTICAL FURNISHINGS, LLC
 MICHAEL HOGLUND PHONE: 954.711.1100 EMAIL: MHOGSLUND@NAUTICALFURNISHINGS.COM

SUPPLIER:
 CONTACT:

HEAD
 REFER TO THIS SHEET

JAMB
 REFER TO THIS SHEET

SILL (G) (H)



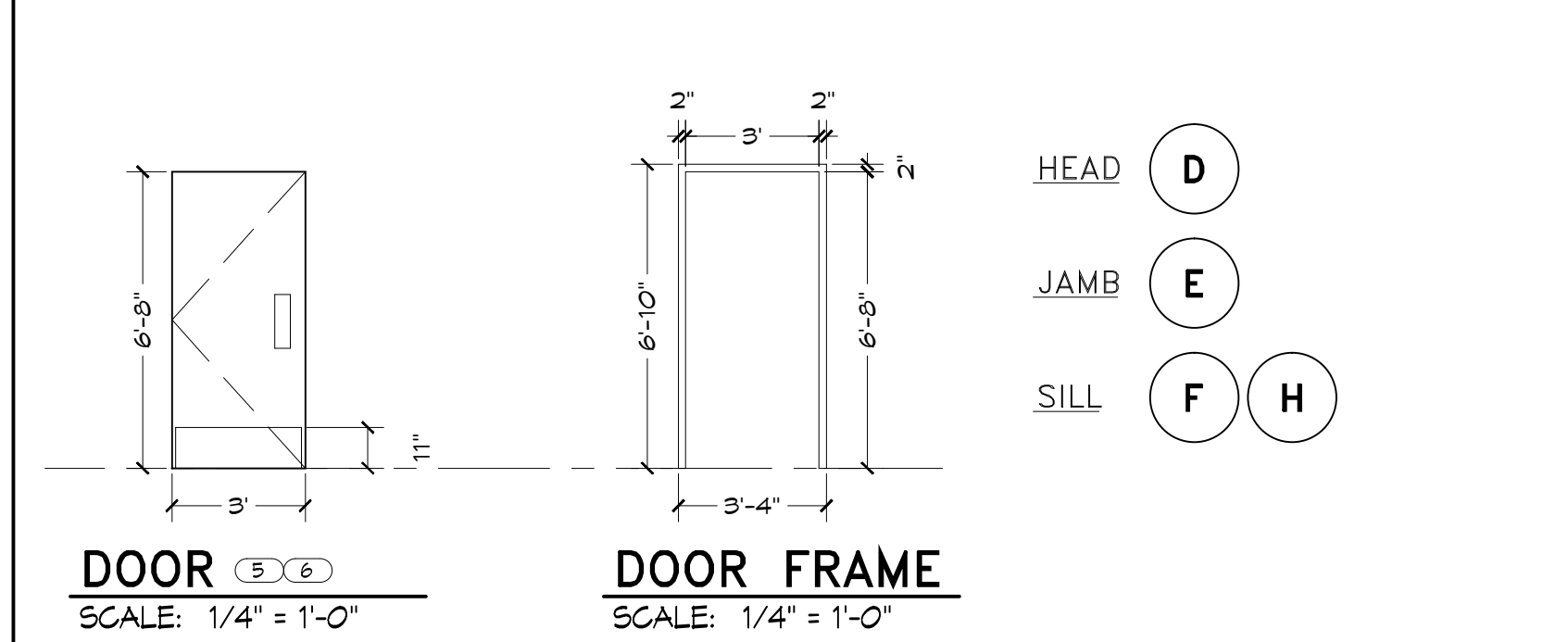
DOOR
 OPENING: 3'-0"X6'-8"X1 3/4"X MD X MF
 MATERIAL: SOLID CORE HPL
 FINISH: REFERENCE ID SHEETS

HARDWARE
 EACH DOOR TO RECEIVE:
 HINGES: 3 EACH HAGER: BB1279 4 1/2 x 4 1/2 x 652
 LOCKSET: ** 1 EACH FALCON: D271 X 626
 CLOSER: 1 EACH LCN 1461 X 604
 PUSH PLATE: 1 EACH HAGER 305 4X16 628
 PULL PLATE: ** 1 EACH HAGER H33E 4X16 628
 FLOOR STOP: 1 EACH HAGER 241F X US26D
 KICKPLATES: 2 EACH HAGER 1935 10"X2" LDY 628 (INSTALL W/FLAT HEAD PHILLIPS HEAD SCREWS)
 SILENCERS: 3 EACH HAGER 307D RBR
 NOTE: UNDERCUT DOOR 1" FOR AIR FLOW WHEN HVAC SUPPLY NOT PROVIDED.

FRAME
 MATERIAL: H.M.
 FINISH: REFERENCE ID SHEETS

REMARKS
 SIGN PACKAGE: 1 "LADIES", 1 "GENTLEMEN" AND CORRESPONDING SIGNAGE IN GRADE TWO BRAILLE PER ADA REQUIREMENTS, SIGNS FURNISHED BY DECOR SUPPLIER. SIGNS INSTALLED BY GENERAL CONTRACTOR PER ADA REQUIREMENTS.
 AS AN OPTION IN LIEU OF SOLID CORE DOORS AND HOLLOW METAL FRAMES, PROVIDE MARLITE HPL DOORS WITH ALUMINUM FRAMES (REF. ID SHEETS FOR COLOR)

** DELETE IF MULTIPLE OCCUPANCY RESTROOM
 ***OPTIONAL SANITGRASP #56-101

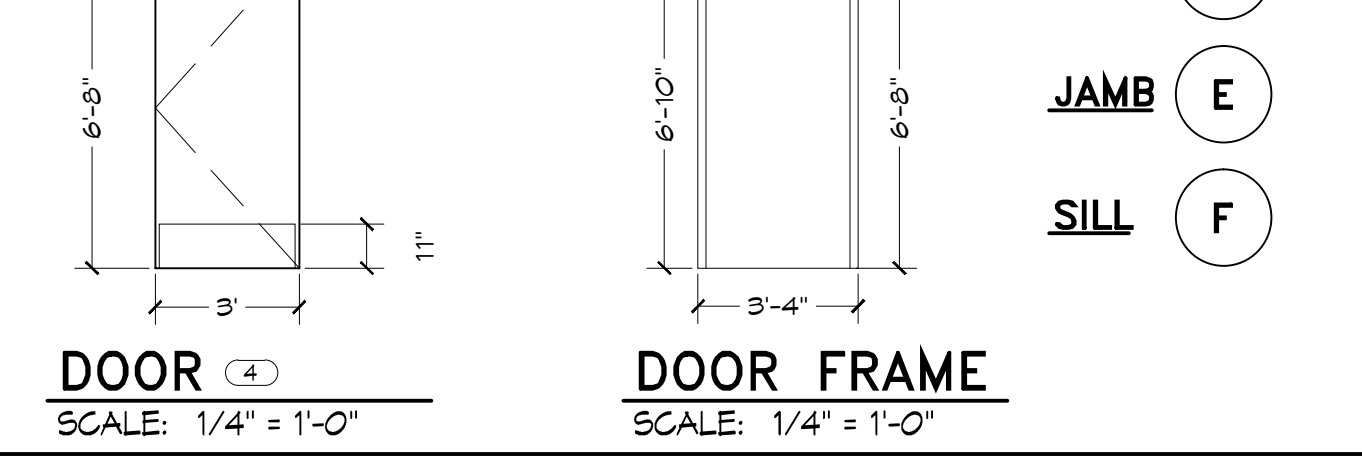


DOOR
 OPENING: 3'-0"X6'-8"
 MATERIAL: SOLID CORE HPL/GLASS
 FINISH: REFERENCE ID SHEETS.

HARDWARE
 DOOR TO RECEIVE:
 HINGES: 3 EACH HAGER: BB1279 4 1/2 x 4 1/2 x 652
 LOCKSET: 1 EACH SCHLAGE: A539PD SAT X 626
 FLOOR STOP: 1 EACH HAGER 241F X US26D
 KICKPLATES: 2 EACH HAGER 1935 10"X2" LDY 628 (INSTALL W/FLAT HEAD PHILLIPS HEAD SCREWS)
 SILENCERS: 3 EACH HAGER 307D RBR

FRAME
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 FINISH: REFERENCE ID SHEETS.

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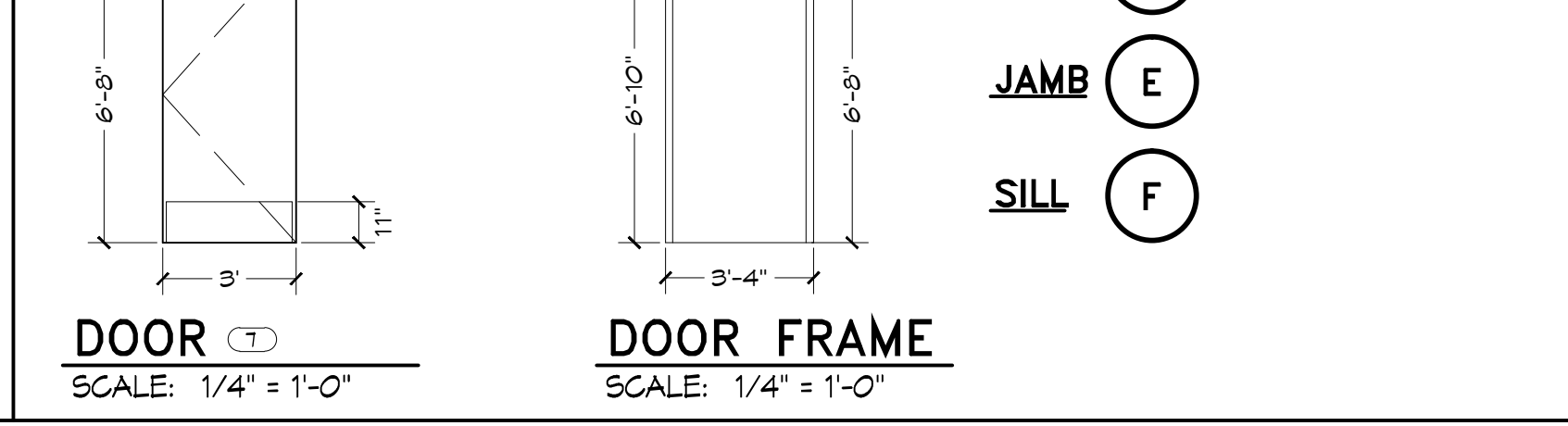


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 FINISH: REFERENCE ID SHEETS.

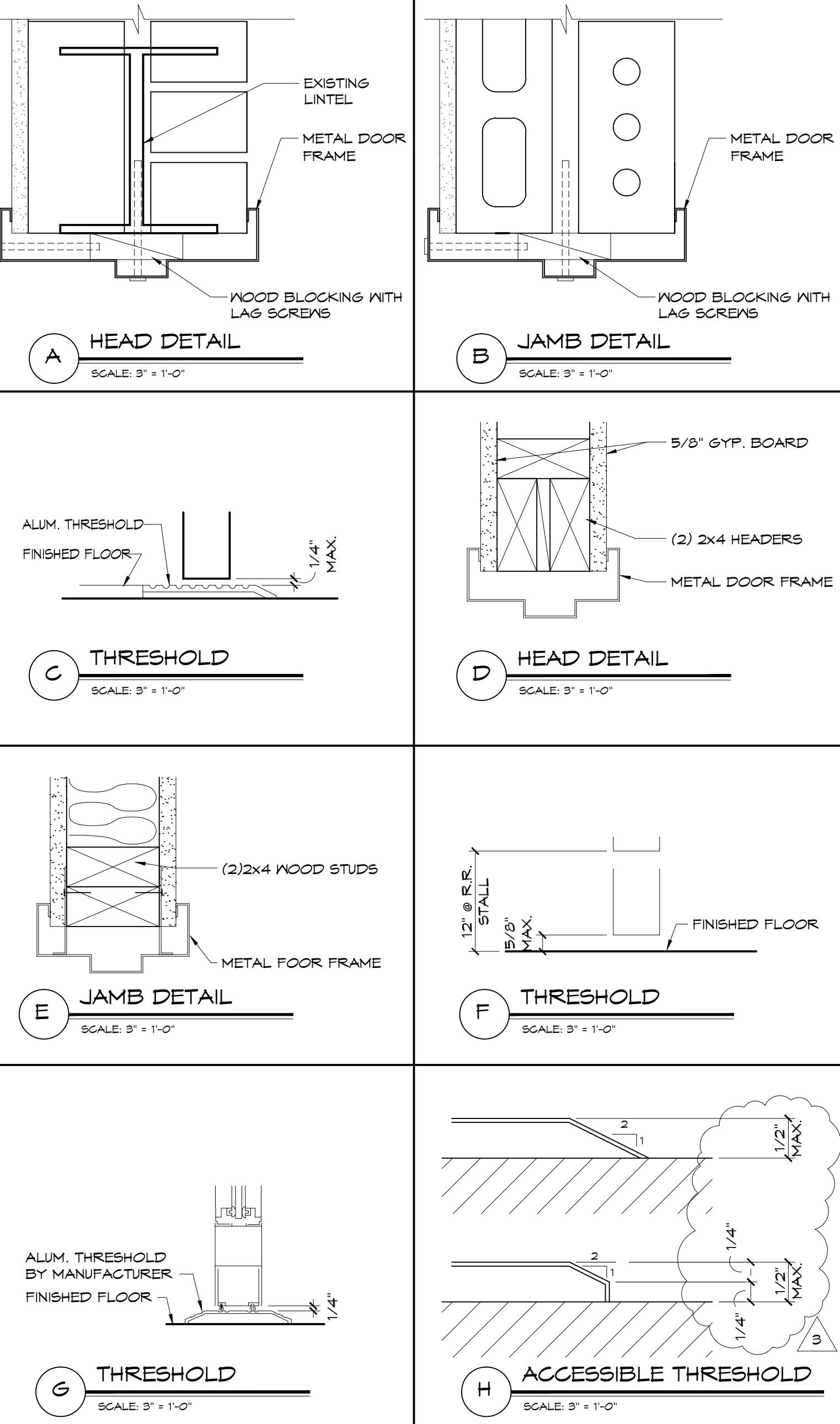
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DOOR DETAILS



EXISTING DOOR NOTE:

GENERAL CONTRACTOR TO VERIFY ALL EXISTING DOORS THAT ARE TO REMAIN COMPLY WITH CLOSING SPEED OF 5 SECONDS OR MORE FROM 90° TO 12° FROM THE LATCH FOR ALL LEAVES OF THAT DOORWAY. SHOULD DOOR NOT COMPLY, CLOSER SHALL BE REPLACED AND ADJUSTED TO MEET THIS REQUIREMENT.

GENERAL CONTRACTOR SHALL INSTALL ALL HARDWARE PER ADA REQUIREMENTS.

DOOR HARDWARE SHALL BE CAPABLE OF OPERATION WITH THE USE OF ONE HAND AND SHALL NOT REQUIRE TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. THUMBTURN DEADBOLTS ARE PROHIBITED; LEVER OR PADDLE DEADBOLT RELEASES ARE ACCEPTABLE. DOOR THRESHOLD SHALL NOT EXCEED ONE-HALF INCH (1/2") IN HEIGHT AND SHALL HAVE A 1:2 BEVEL. DOOR CLOSERS SHALL MEET FORCE AND SWEEP PERIOD REQUIREMENTS.

ALL JOINTS, PENETRATIONS, DOORS AND WINDOWS ARE TO BE CAULKED, GASKETED, WEATHER-STRIPPED, OR OTHERWISE SEALED.

BOTTOM 10" OF ALL DOORS WILL BE A SMOOTH, FLUSH SURFACE.

Specified Products and Approved Equals

Hinges - Provide features, functions, size and finish as shown in hardware sets.

HAGER	BB1279	BB1168	253
MCKINNEY	TA2714	T4A3786	
BOMMER	BB5000	BB5004	

Locks - Provide features, functions and finish as shown in hardware sets.

FALCON - DEADLOCK	D871		NO SUBSTITUTIONS
SCHLAGE	A539PD	AL405	
YALE	AUS307LN	AUS302LN	
FALCON	BS11D	B301D	

Exit Device - Provide features, functions and finish as shown in hardware sets.

VON DUPRIN	22 ED		
YALE	2100 ED		
SARGENT	3628 ED		

Closers - Provide features, functions and finish as shown in hardware sets.

LCN	1461	4115 H-CUSH	
YALE	3301	4425T/4421T	
DORMA	861 G	891 G DST / 8956 DST	

Push/Pull, KP, Stops, Etc. - Provide features, functions, size and finish as shown in hardware sets.

HAGER	KICKPLT 1935	PULL PLT H33E	PUSH PLT 305	FL STOP 241F	WALL STOP 236W	VIEWER 175G
ROCKWOOD	K1050 B3E	BP106 X 70C	70C	441CU	409	622
TRIMCO	K0050	1017-3x2 1/2 PROJ.	1001-3	1211	1270WV	976U

Weatherstripping, Thresholds, Etc. - provide features, functions, size and finish as shown in hardware sets.

NATIONAL GUARD	THRESHOLD 325A	SWEEP 200NA	WEATHERSTRIP 1605A
PEMCO	229A	315CN	303AS
ZERO	1675A	39A	99A

WARREN JOHNSON ARCHITECTS, INC.
 19 N. GREELEY STREET
 PALATINE, ILLINOIS 60067
 TEL. 847.359.9616
 FAX 847.359.9641

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BURGER KING

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DRAWN BY: J. THORSTENSON
 CHECKED BY: M. JOHNSON
 DATE: 12.23.15
 PROJECT NO: 15104

BURGER KING
 STORE #10284
 695 7TH ST. EAST
 ST. PAUL, MN 55106

SCHEDULES

Seating Concepts 125 Connell Ave. Rockdale, IL 60436

Decor Drawings:

* These plans are produced from architects drawings received: 01-04-16

General Notes and Information:

General Notes

1. Do not scale off plans. Call Seating Concepts to verify any questionable dimensions - 815.730.7980
2. Dimensions are for design intent only.
3. Seating Concepts has prepared these pages as accurately as possible with the information provided. The owner understands that adjustments to the final locations of equipment and/or furniture placement may be required at the owner's expense due to discrepancies based on actual job site dimensions and conditions.
4. Refer to architectural drawings for complete and accurate dimensions of building structure.
5. These documents are the property of Seating Concepts.
6. These documents may not be copied, reproduced, used, or implemented in any way, without the consent of Seating Concepts.
7. Seating Concepts is not responsible for deviations, changes, additions, or deletions not reviewed and approved in advance by Seating Concepts.

Construction

1. The GC shall verify all dimensions and conditions on the job site and notify Seating Concepts of all discrepancies prior to starting work.
2. GC is to review Seating Concepts plans against the architectural drawing set they are using on site. GC shall notify Seating Concepts immediately if they notice discrepancies.
3. Dimensions marked GC to Verify must be verified and the measurements recorded to Seating Concepts. Failure to communicate verified dimensions to Seating Concepts could result in a delay of decor fabrication and possible delay of shipment.
4. GC to locate thermostats and sensors and move accordingly so they do not interfere with decor.
5. GC to refer to elevations for typical wall finishes.

Finish Specification & Ordering of Materials

1. The building specifications have multiple options to choose from. Seating Concepts shows all the options in the specification sheets for the Owner/GC to select from. Seating Concepts does not select the option to be used. This is for the wall tile, floor tile, paint, and ceiling finishes.
2. GC to order by complete specification, including series, item number and color. Any discrepancies should be communicated to Seating Concepts immediately.
3. Changes to finishes as requested by owner after materials are ordered may result in owner assuming restocking fees or other additional costs associated with a re-selection.

Tile

Wall Tile

1. All outside corners of the tile walls to receive edge protection per trim schedule TR-3L. TR-3L trim is also located where tile transitions to paint or vinyl wall covering. GC is responsible for ordering the correct size trim system for installation.
2. Tile patterns are shown on elevations for representation of install pattern only. Do not scale from drawings.
3. GC to insure wall tile specified in restrooms and food service/prep areas meet the local health code requirements.
4. Recommended grout joint is 1/8".

Floor Tile

1. Base tile to be located from elevations.
2. Base tile in kitchen must match floor finish specification for kitchen tile.
3. It is the responsibility of the GC to account for variance in tile thickness to insure a flush floor tile installation.
4. If cove base tile is used the GC must install cove base to be flush with floor tile.
5. Recommended grout joint is 1/8".
6. GC must apply grout sealer.

Decor Package:

* All Designs must be approved by Burger King Corporation.

Ceiling

1. GC must coordinate all existing HVAC and lighting with interior decor.

Electrical

1. All electrical outlets are located 18" A.F.F. unless otherwise noted.
2. All power and data to come from ceiling unless noted otherwise.
3. All electrical fixtures, wiring, and installation to be UL approved.
4. Pendants are to be centered over table top once final installation of seating is complete.

Installation

1. GC is to inspect Seating Concepts product upon delivery. Notice of damage must be given within 24 hours of delivery. Any damage noted after this time period will become the responsibility of the GC and will be repaired or replaced at the GC's expense.
2. GC is responsible to protect product during and after installation. Seating Concepts will not be responsible for product replacement due to misuse by others during and/or after installation.
3. GC to refer to installation pages included in the installation instructions packet sent with the decor.
4. GC is responsible to insure appropriate installation of metalwork as required for table tops designated as ADA compliant.

Drawing Index:

- * ID-1 Cover Sheet
- * ID-2 Seating Layout
- * ID-3 Furniture Finish Layout
- * ID-4 Wall Finish Layout
- * ID-5 Pendant, Soffit, Graphic Layout
- * ID-6 Flooring Layout
- * ID-7 Interior Elevations
- * ID-8.0 Interior Elevations
- * ID-9 Furniture Finish Specifications
- * ID-10 Interior Building Specifications
- * ID-11 Interior Building Specifications
- * ID-12 Interior Building Specifications
- * ID-13 Interior Building Specifications
- * ID-14 Product Images
- * ID-15 Product Details
- * ID-16 FSC Details

Project Contacts:

Please contact one of the following Seating Concepts team members to address any concerns you may have:

Customer Service:
Ken Hibben 815.730.7980 x 2253
Linda Bender 815.730.7980 x 2288
Mel Randall 815.730.7980 x 2234

Interior Design:
Samantha Uthe 815.730.7980 x 2251
Lori Manion 815.730.7980 x 2242
Kimberly Sea 815.730.7980 x 2273
Rita Gear: 815.730.7980
Niha Prasad: 815.730.7980

**After delivery of decor if you have any questions please contact customer service at 815.730.7980



PROJECT:	Improved 20/20 Light
LOCATION:	ST. PAUL, MN
ADDRESS:	695 E 7 ST.
STORE #:	10284
DRAWN BY:	NP
PROJECT MANAGER:	Zach DePyssler
SALES MANAGER:	Linda Bender

DATE:	01-11-16		
REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE:	Cover Sheet
SCALE:	NTS
ID-1	

STEEL KEY	TTOP	TTOP/OFF	FREE STANDING	SP	SP-522	SP-522-HC	MISC. SYMBOLS	RETOFIT PRODUCT (NEW OF EXISTING STEEL)	FREESTANDING CHAIR	FREESTANDING BARSTOOL	DRUM STOOL	SOFT SEATING
CORE DRILLED												

SEATING AND TABLE SCHEDULE		TABLE TOP STYLES	SINGLES	2 TOPS	3 TOPS	4 TOPS	5 TOPS	6 TOPS	8 TOPS	10 TOPS	12 TOPS
TABLE TOP QUANTITY	2		6	-	12	-	-	-	-	1	-
SEAT QUANTITY	4		12	-	48	-	-	-	-	10	-

ADA ACCESSIBLE SEATING: 4
TOTAL NUMBER OF SEATS: 74

FLOOR PLAN KEY

ELEVATION TAG
1 ID-7

SEATING Concepts

125 Connell Ave
Rockdale, IL 60436

www.seating-concepts.com

T: 815.730.7980 F: 815.730.7969

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Niha Prasad 815.730.7980

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PROJECT: Improved 20/20 Light

LOCATION: ST. PAUL, MN

ADDRESS: 695 E 7 ST.

STORE #: 10284

DRAWN BY: NP

PROJECT MANAGER: Zach DePyssler

SALES MANAGER: Linda Bender

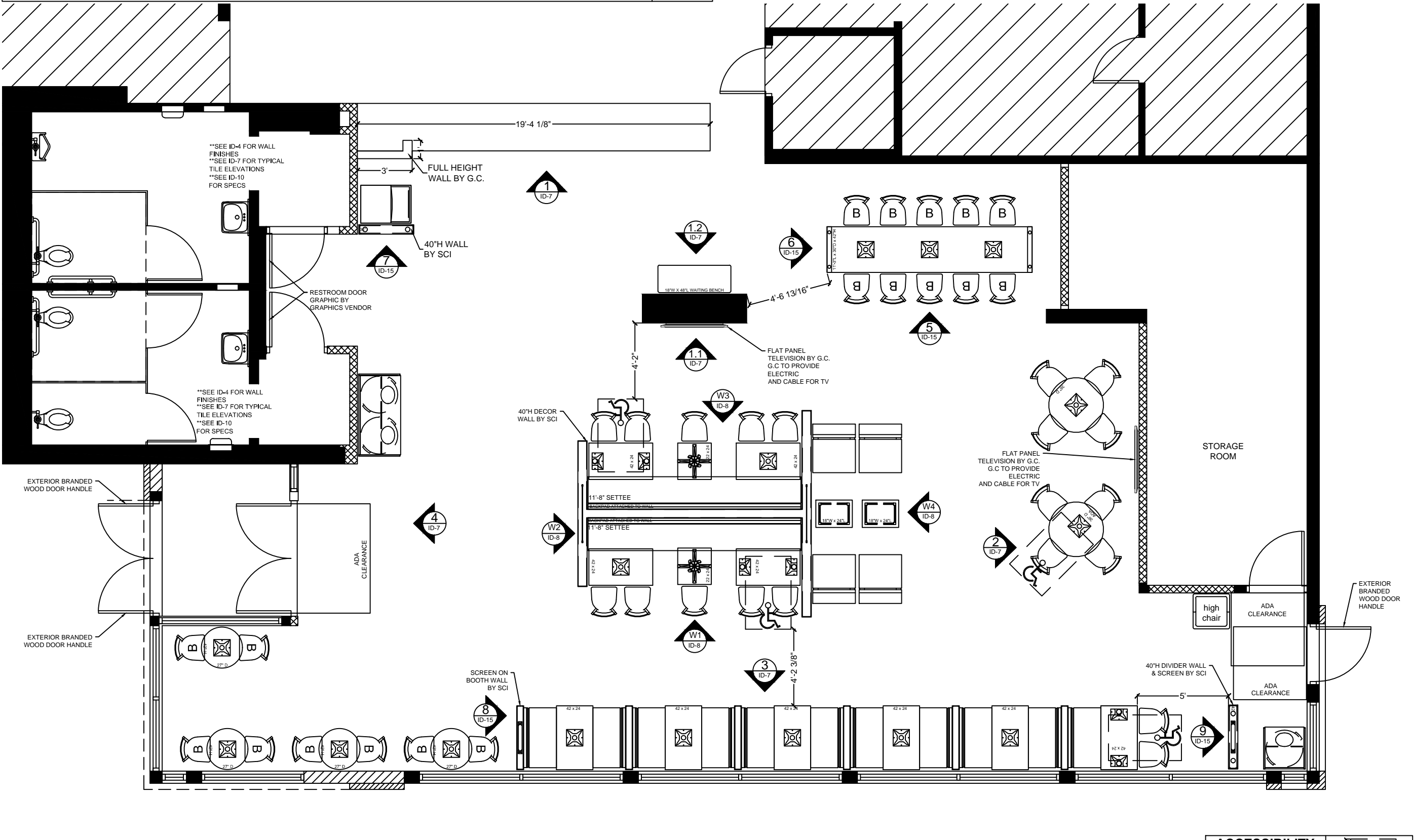
DATE: 01-11-16

REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE: Seating Layout

SCALE: 3/16" = 1'-0"

ID-2



ACCESSIBILITY KEY

ADA COMPLIANT MIN. CLEARANCES AT TABLES

MANEUVERING CLEARANCES AT DOORS

11 x 17 SIZE FORMAT



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Rita Gear 815.730.7980
Niha Prasad 815.730.7980

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PROJECT: Improved 20/20 Light

LOCATION: ST. PAUL, MN

ADDRESS: 695 E 7 ST.

STORE #: 10284

DRAWN BY: NP

PROJECT MANAGER: Zach DePyssler

SALES MANAGER: Linda Bender

DATE: 01-11-16

REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE: Finish Layout

SCALE: 3/16" = 1'-0"

ID-3

11 x 17 SIZE FORMAT

NOT IN SCOPE

3' FULL HEIGHT WALL BY G.C.

SS-6L, PL-1L

UPH-1L

SS-6L

PL-9L

STORAGE ROOM

PL-9L

high chair

ADA CLEARANCE

ADA CLEARANCE

ADA CLEARANCE

PL-9L

PL-9L

PL-9L

PL-9L

SS-6L, PL-1L

UPH-4L

PL-9L

7P-HdN

7P-HdN

SS-6L, PL-1L

UPH-4L

PL-9L

7P-HdN

7P-HdN

SS-6L, PL-1L

UPH-4L

PL-9L

7P-HdN

7P-HdN

SS-6L, PL-1L

UPH-4L

PL-9L

7P-HdN

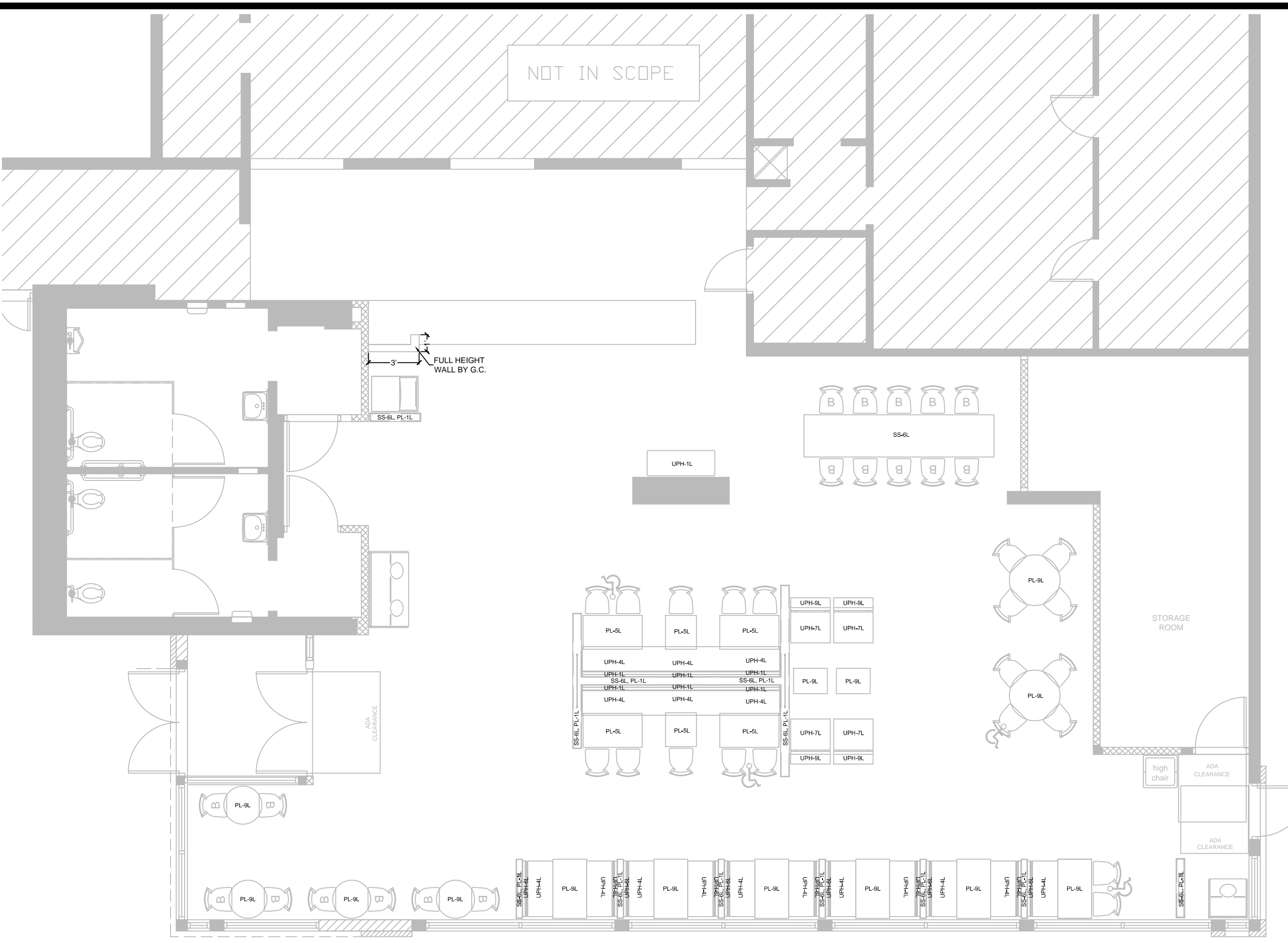
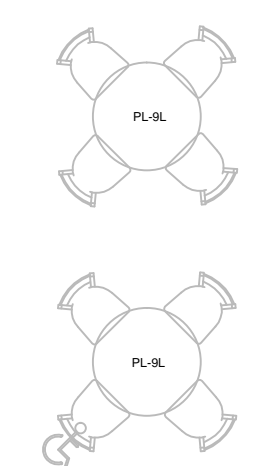
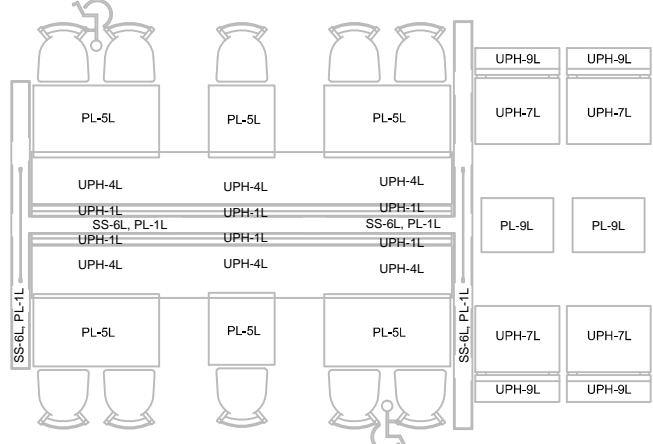
7P-HdN

SS-6L, PL-1L

UPH-4L

PL-9L

SS-6L, PL-1L



NOT IN SCOPE

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 Rockdale, IL 60436
www.seating-concepts.com
 T: 815.730.7980 F: 815.730.7969

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 Niha Prasad 815.730.7980

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PROJECT: Improved 20/20 Light
 LOCATION: ST. PAUL, MN
 ADDRESS: 695 E 7 ST.
 STORE #: 10284
 DRAWN BY: NP
 PROJECT MANAGER: Zach DePyssler
 SALES MANAGER: Linda Bender

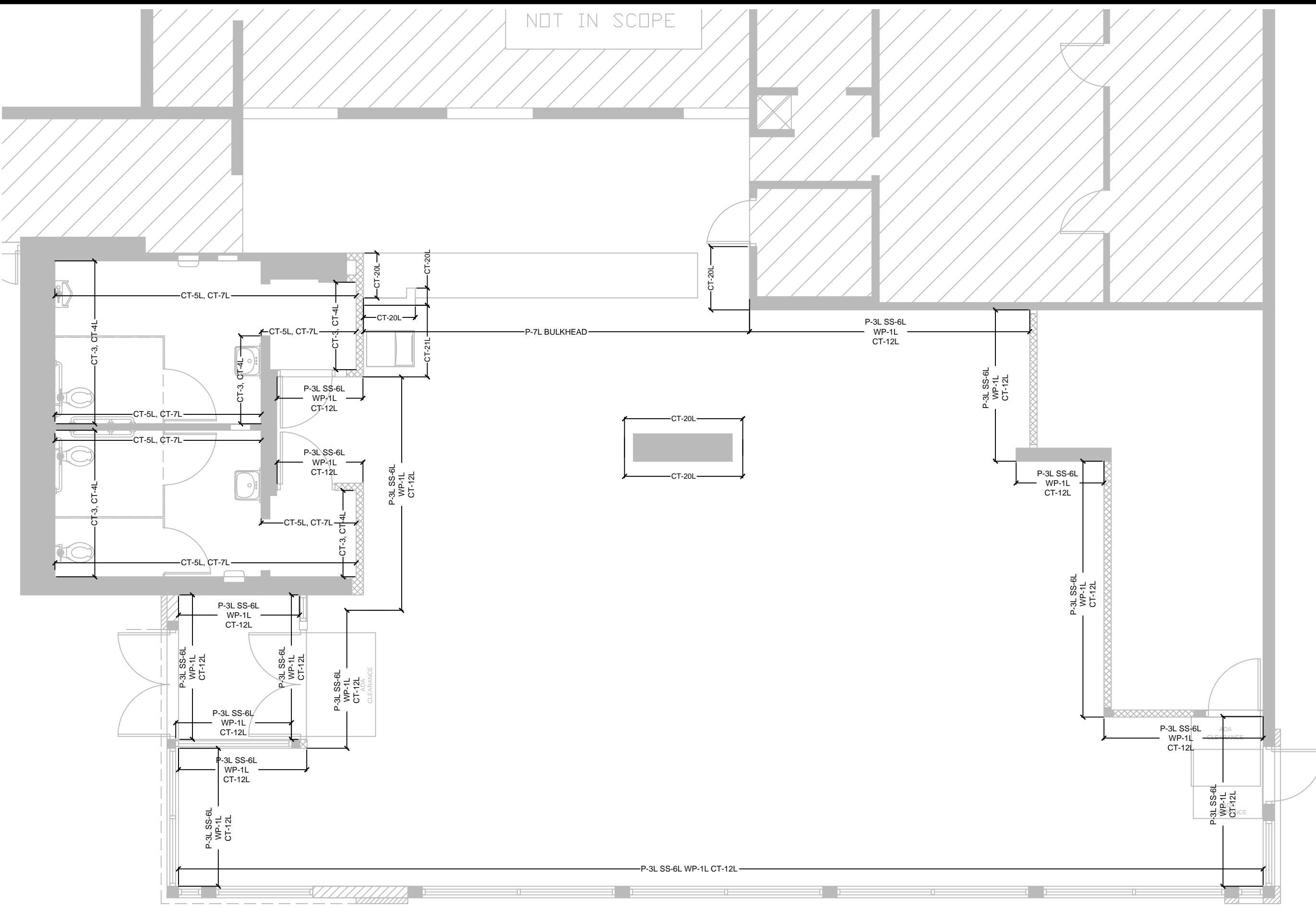
DATE: 01-11-16

REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE: Wall Finish Layout
 SCALE: 3/16" = 1'-0"

ID-4

11 x 17 SIZE FORMAT



SEE SHEET ID-8 FOR MORE SOFFIT DETAILS

ALL PENDANTS TO BE HUNG @78" AFF FROM BOTTOM OF GLASS SHADE

GRAPHIC KEY

GRAPHIC DISPLAY

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Rita Gear 815.730.7980
Niha Prasad 815.730.7980

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PROJECT: Improved 20/20 Light

LOCATION: ST. PAUL, MN

ADDRESS: 695 E 7 ST.

STORE #: 10284

DRAWN BY: NP

PROJECT MANAGER: Zach DePyssler

SALES MANAGER: Linda Bender

DATE: 01-11-16

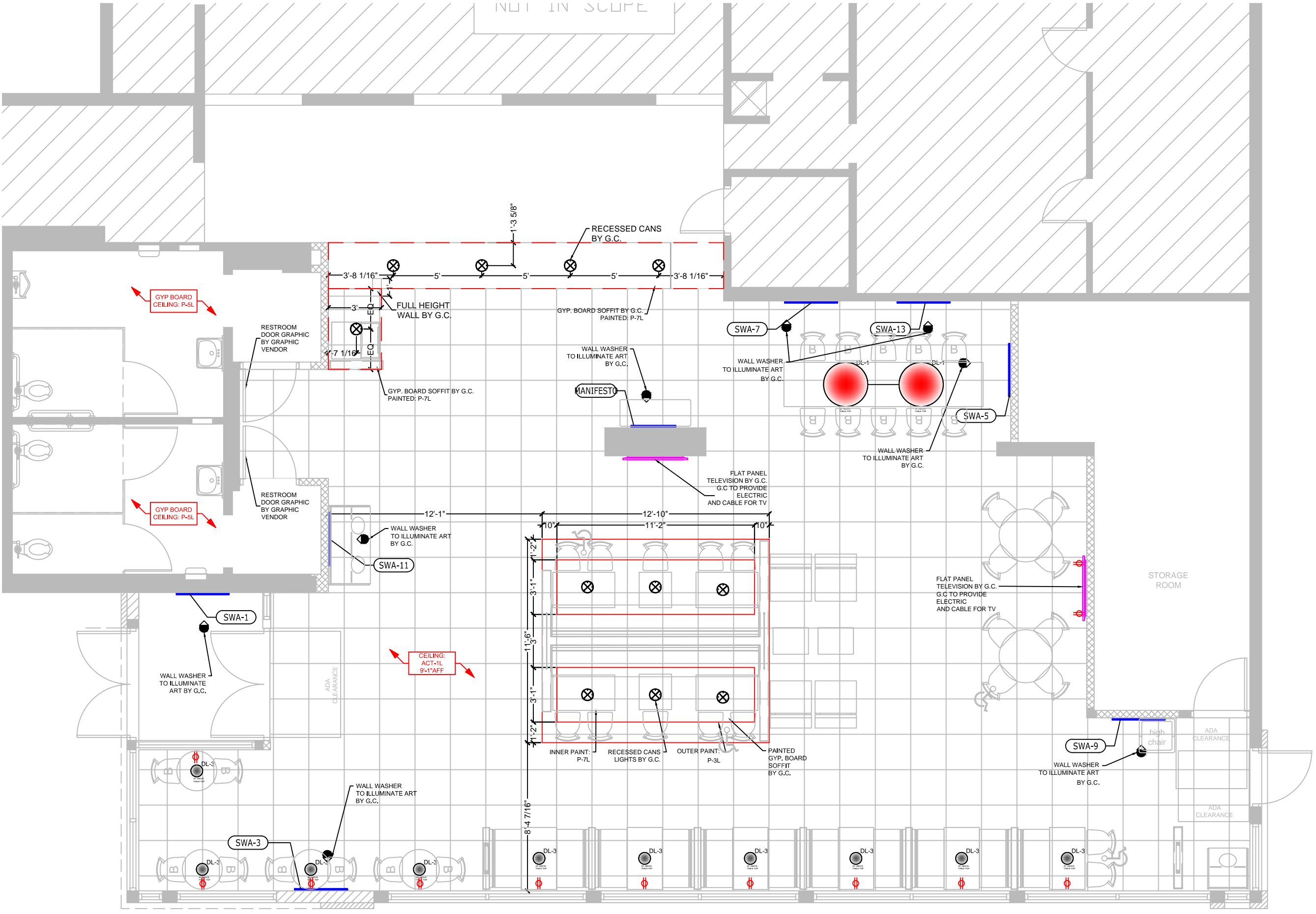
REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

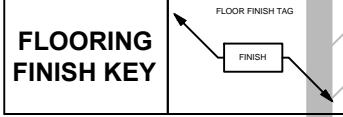
DRAWING TITLE: Pendant Soffit Graphic Layout

SCALE: 3/16" = 1'-0"

ID-5

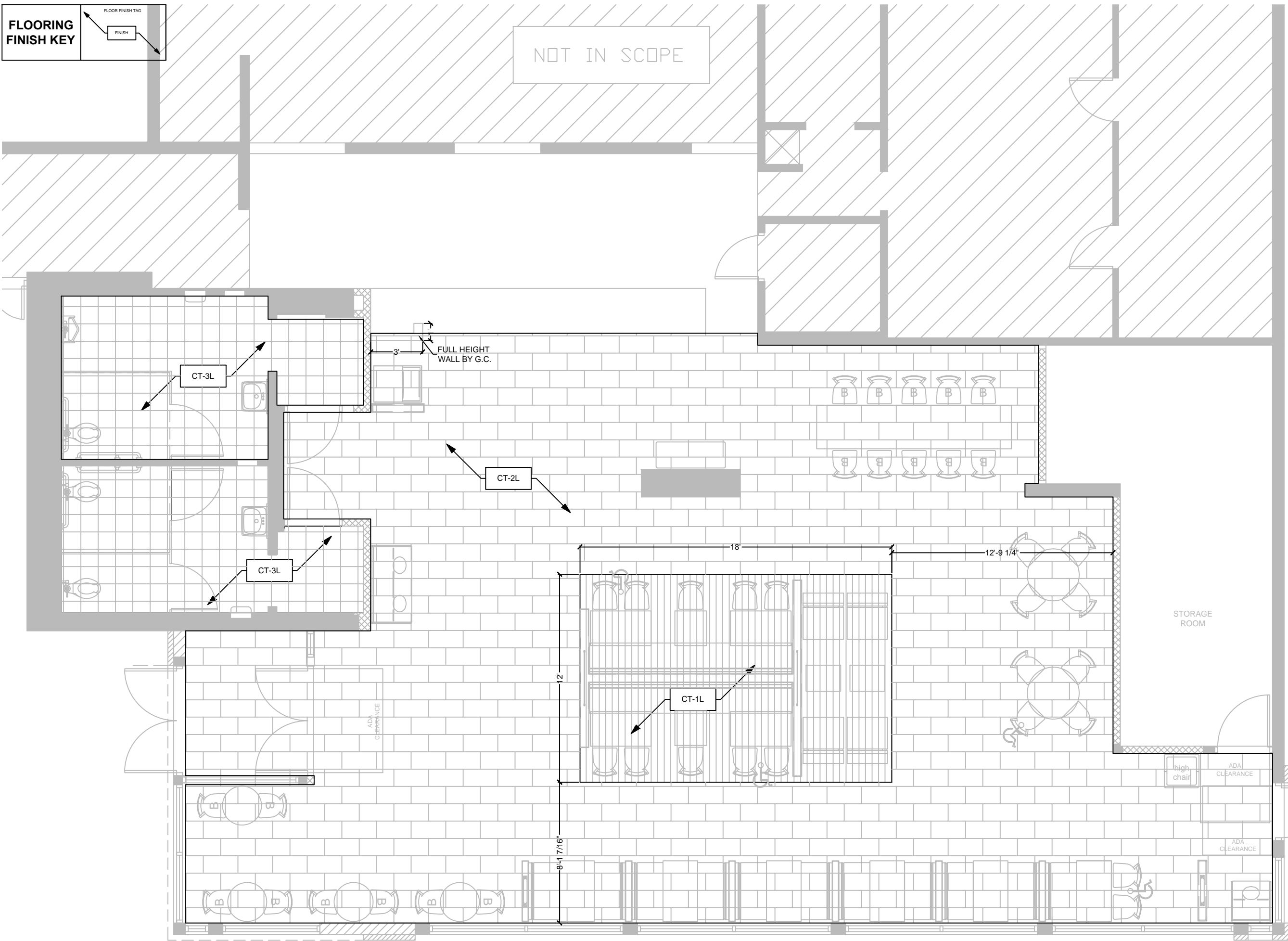
11 x 17 SIZE FORMAT





FLOORING FINISH KEY

NOT IN SCOPE



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 Niha Prasad 815.730.7980

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PROJECT: Improved 20/20 Light
 LOCATION: ST. PAUL, MN
 ADDRESS: 695 E 7 ST.
 STORE #: 10284
 DRAWN BY: NP
 PROJECT MANAGER: Zach DePyssler
 SALES MANAGER: Linda Bender

DATE: 01-11-16

REVISION HISTORY			
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02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE: Flooring Layout
 SCALE: 3/16" = 1'-0"

ID-6

11 x 17 SIZE FORMAT

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Niha Prasad 815.730.7980

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PROJECT: Improved 20/20 Light

LOCATION: ST. PAUL, MN

ADDRESS: 695 E 7 ST.

STORE #: 10284

DRAWN BY: NP

PROJECT MANAGER: Zach DePyssler

SALES MANAGER: Linda Bender

DATE: 01-11-16

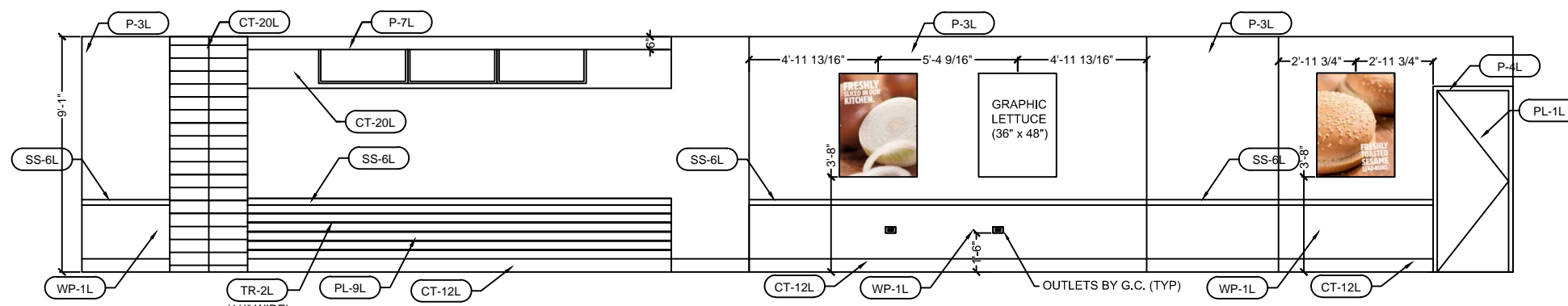
REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE: Elevations

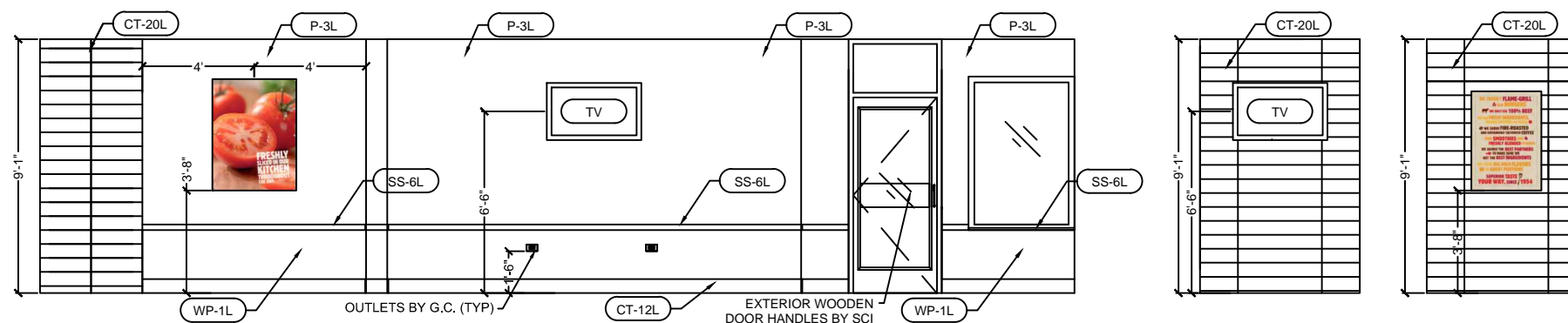
SCALE: NTS

ID-7

11 x 17 SIZE FORMAT



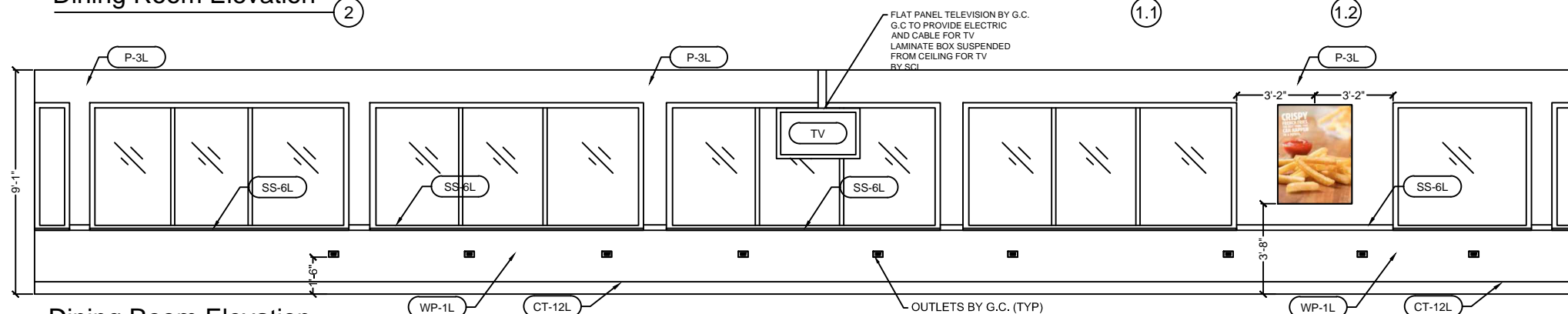
Dining Room Elevation 1



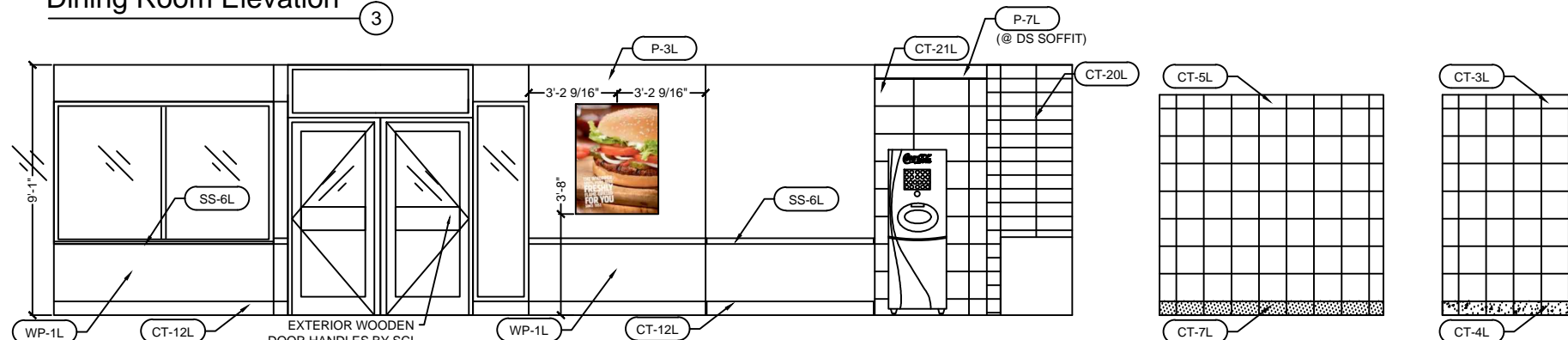
Dining Room Elevation 2

1.1

1.2



Dining Room Elevation 3



Dining Room Elevation 4

Typ. Restroom Elevations

A B

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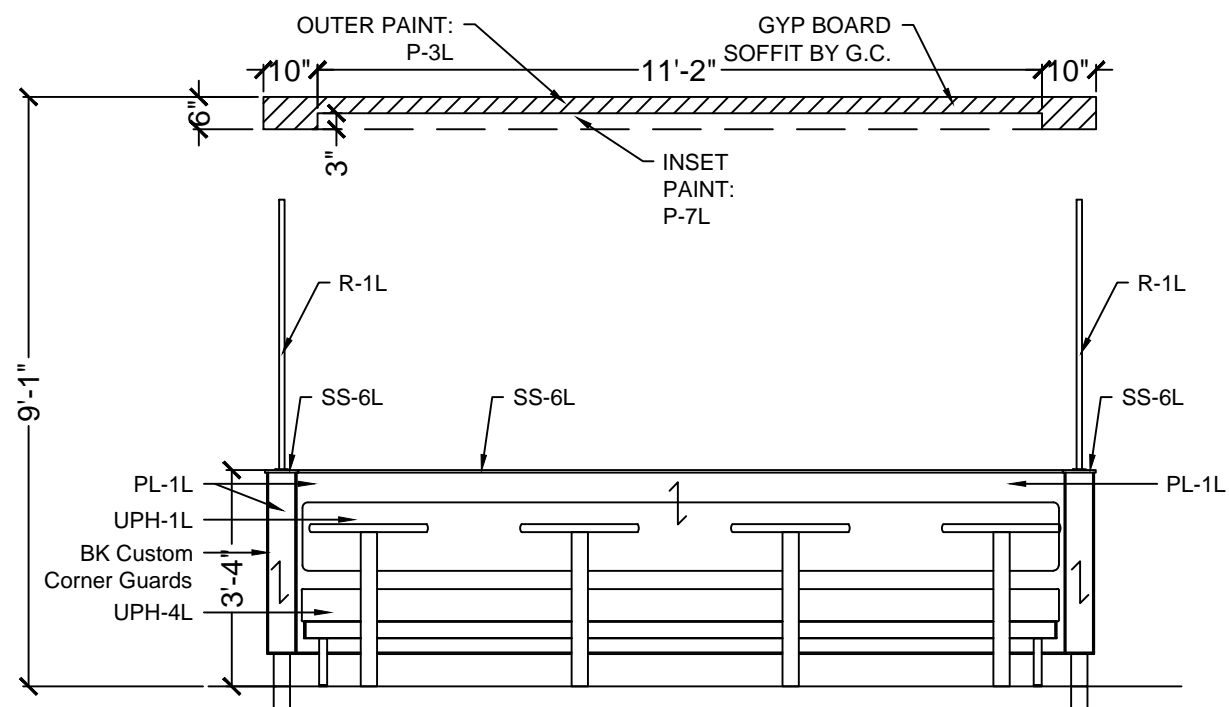
PROJECT:	Improved 20/20 Light
LOCATION:	ST. PAUL, MN
ADDRESS:	695 E 7 ST.
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DRAWN BY:	NP
PROJECT MANAGER:	Zach DePyssler
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REVISION HISTORY			
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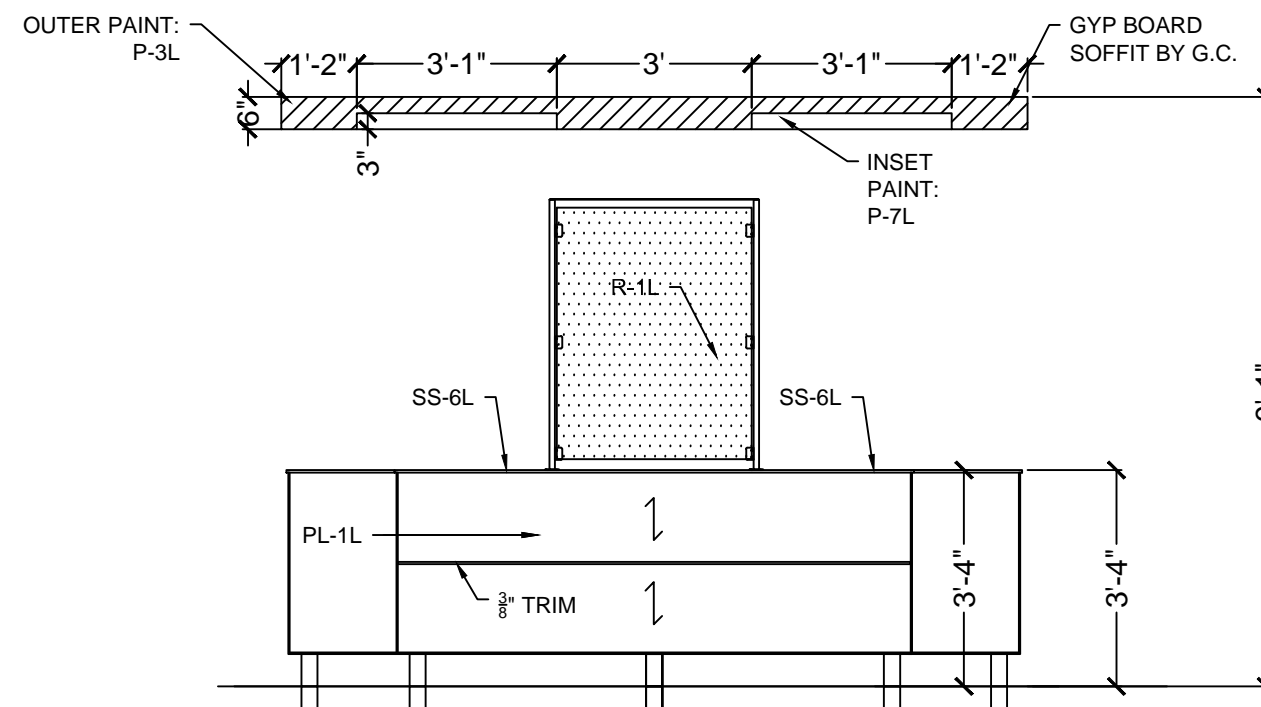
DRAWING TITLE: Elevations
SCALE: NTS

ID-8.0

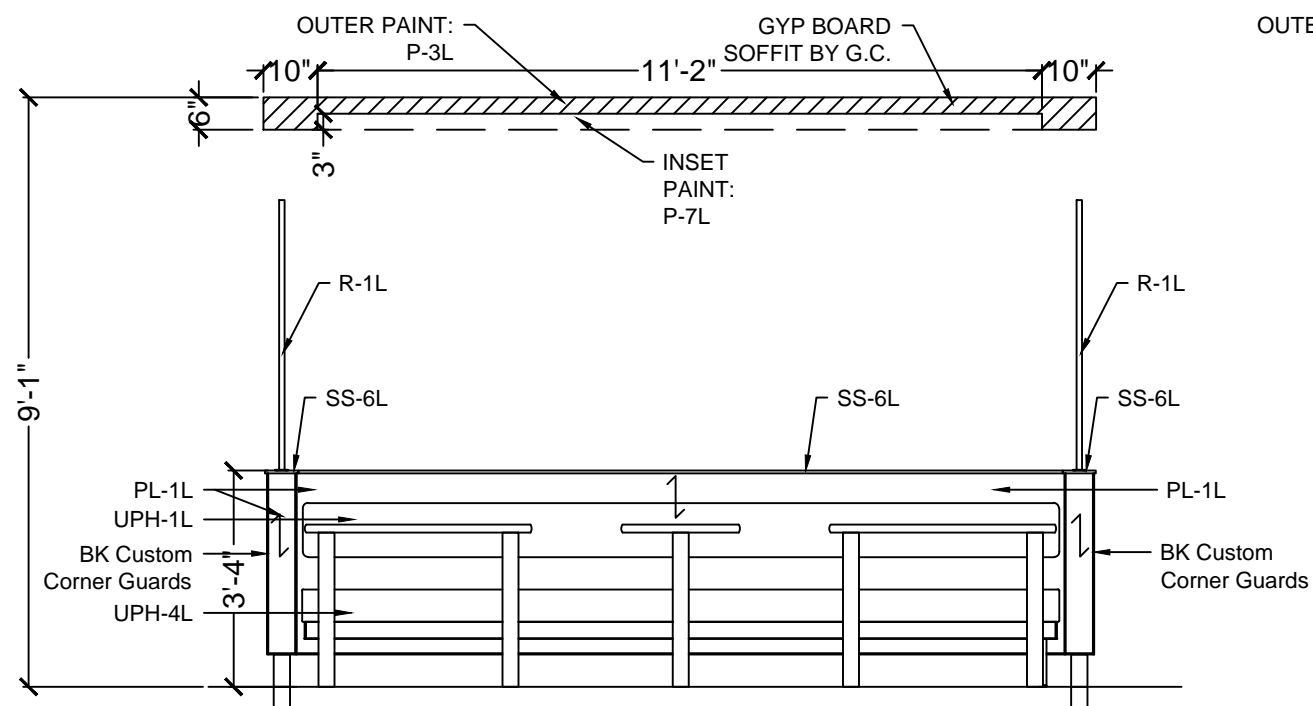
11 x 17 SIZE FORMAT



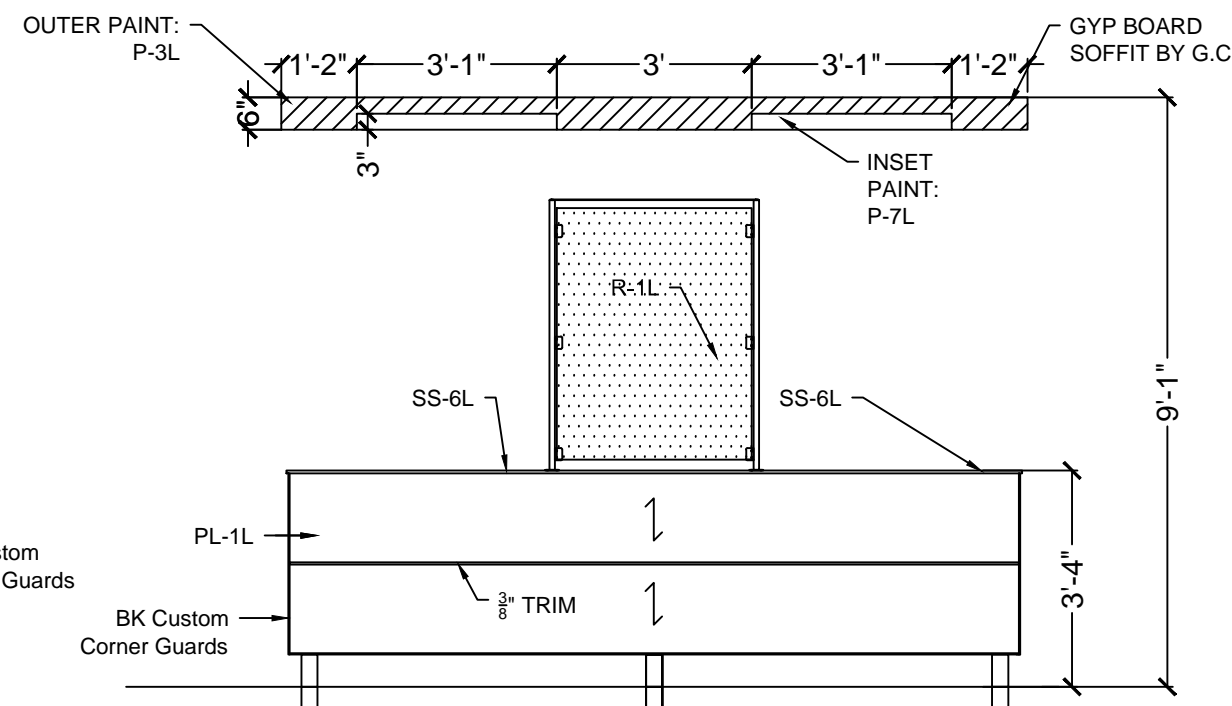
FW-Elevation **W1**



FW-Elevation **W2**



FW-Elevation **W3**



FW-Elevation **W4**

SEATING CONCEPTS SPECIFICATIONS

SEATING

40"H PERIMETER BOOTHS

STYLE: BK 2020 (ON LEGS)
 BACK PAD: **UPH-6L** CF STINSON - MOXIE - MOJO MOX 70
 VINYL SEAT PAD: **UPH-4L** CF STINSON - LAREDO - BRINDLE - L 19
 LAMINATE: **PL-1L** WILSONART - NORTHERN PINE 11101K-12
 SOLID SURFACE TOP CAP: **SS-6L** STARON -TEMPEST - ASPEN LILY AL646
 POWDERCOATED LEGS: SHERWIN WILLIAMS CHROME #PAF8-C0008-50
 BOOTH EDGING: REHAU - APPEARS LIKATRE 15/16" x 3mm CP20728

STRAIGHT SETTEE'S AT FEATURE WALL

BACK PAD STYLE: BK 2020 (ON LEGS)
 BACK PAD ATTACHED TO WALL: **UPH-1L** CF STINSON -AVANT - TOMATO
 VINYL SEAT PAD: **UPH-4L** CF STINSON - LAREDO - BRINDLE - L 19
 BASE BOX LAMINATE: **PL-1L** WILSONART - NORTHERN PINE 11101K-12
 POWDER COATED LEGS: SHERWIN WILLIAMS CHROME #PAF8-C0008-50
 BOOTH EDGING: REHAU - APPEARS LIKATRE 15/16" x 3mm CP20728

CHAIR AND BARSTOOL

CHAIR STYLE: UT-230
 WOOD BACK: **WS-1** CLEAR MAPLE
 VINYL SEAT PAD: **UPH-1L** CF STINSON -AVANT - TOMATO
 FRAME FINISH: SHERWIN WILLIAMS CHROME #PAF8-C0008-50

BARSTOOL STYLE: UTBS-1230
 WOOD BACK: **WS-1** CLEAR MAPLE
 VINYL SEAT PAD: **UPH-1L** CF STINSON -AVANT - TOMATO
 FRAME FINISH: SHERWIN WILLIAMS CHROME #PAF8-C0008-50

TABLE TOPS

EDGE STYLE: SERIES S200 EDGE BAND
 LAMINATE: **PL-9L** NEVAMAR - VENERABLE OLD OAK WK0017T
 LAMINATE: **PL-5L** PIONITE - ABSOLUTE ACAJOU - WY160-N
 PREMIUM TABLE EDGE: REHAU - MULTIPLEX #592E
 BASES: SHERWIN WILLIAMS CHROME #PAF8-C0008-50

WAITING BENCH

BACK PAD STYLE: BK 2020 LIGHT
 SEAT PAD VINYL: **UPH-1L** CF STINSON -AVANT - TOMATO
 POSTS: SHERWIN WILLIAMS CHROME #PAF8-C0008-50

ARMLESS LOUNGE CHAIR

STYLE: ADDISON
 BACK PAD: **UPH-9L** MAHARAM - LINEAGE - TUSOCK 466127 002
 SEAT PAD: **UPH-7L** MAHARAM - LARIAT - TAUPE 440401 010
 FRAME FINISH: SHERWIN WILLIAMS CHROME #PAF8-C0008-50

OCCASIONAL TABLE

EDGE STYLE: SERIES S200 EDGE BAND
 LAMINATE: **PL-9L** NEVAMAR - VENERABLE OLD OAK WK0017T
 PREMIUM TABLE EDGE: REHAU - MULTIPLEX #592E
 BASES: SHERWIN WILLIAMS CHROME #PAF8-C0008-50

COMM. TABLE

SOLID SURFACE TOP - PARSONS
 SOLID SURFACE: **SS-6L** STARON -TEMPEST - ASPEN LILY AL646 3" DROP
 POSTS: SHERWIN WILLIAMS CHROME #PAF8-C0008-50

DIVIDER WALL WITH LAMINATED SCREEN

POSTS TO CEILING : SHERWIN WILLIAMS CHROME #PAF8-C0008-50
 WALLS & SCREEN LAMINATE: **PL-1L** WILSONART - NORTHERN PINE 11101K-12
 SOLID SURFACE TOP CAP: **SS-6L** STARON -TEMPEST - ASPEN LILY AL646 1/2" THICKNESS
 BK CUSTOM CORNER GURADS

DIVIDER WALLS

WALL LAMINATE: **PL-1L** WILSONART - NORTHERN PINE 11101K-12
 SOLID SURFACE TOP CAP: **SS-6L** STARON -TEMPEST - ASPEN LILY AL646 1/2" THICKNESS
 POSTS: SHERWIN WILLIAMS CHROME #PAF8-C0008-50
 BK CUSTOM CORNER GUARD

BRANDED WOOD DOOR HANDLE

EXTERIOR
 NAUTICAL FURNISHINGS, LLC,
 CONTACT: MICHAEL HOGLUND (954) 771-1100
 MHOGLUND@NAUTICALFURNISHINGS.COM
 **G.C. TO COORDINATE WITH NAUTICAL
 FURNISHINGS FOR DOOR FRAME FINISH & SIZE
 OF DOOR HANDLE. G.C. TO PROVIDE PHOTOS
 AND TO CONFIRM IF EXISTING CONDITION OF
 DOOR WILL ALLOW FOR INSTALLATION OF
 DOOR HANDLE. DOOR HANDLE IS NOT
 REQUIRED IF EXISTING ENTRY DOOR DOES
 NOT ALLOW INSTALLATION**

SEATING CONCEPTS SPECIFICATIONS

MILLWORK

TRASH ENCLOSURE

STYLE: BK 2020 LIGHT
 BASE CABINET FINISH: **PL-1L** WILSONART - NORTHERN PINE 11101K-12
 TOP SOLID SURFACE: **SS-6L** STARON -TEMPEST - ASPEN LILY AL646
 T-MOLD: METALLIC SILVER
 'FEED ME' GRAPHIC BY GRAPHICS VENDOR

FRONT COUNTER TOP

SOLID SURFACE COUNTER W/ 4" FRONT DROP: **SS-6L** STARON -TEMPEST - ASPEN LILY AL646
 BASE CT-12: BY G.C.

FSC FASCIA

LAMINATE WITH 1/4 ALUMINUM INSERTS:
PL-9L NEVAMAR - VENERABLE OLD OAK WK0017T
 BASE CT-12: BY G.C.

40"H IMPROVED FEATURE WALL

WALLS: **PL-1L** WILSONART - NORTHERN PINE 11101K-12
 SOLID SURFACE TOP CAP: **SS-6L** STARON -TEMPEST - ASPEN LILY AL646 1/2" THICKNESS
 RESIN PANEL: **R-1L** 3-FORM - TING TING 3/8" THICKNESS (PATENT FINISH ON FRONT & BACK)
 BK CUSTOM CORNER GURADS
 POWDER COATED POSTS: SHERWIN WILLIAMS CHROME #PAF8-C0008-50

DRUM LIGHTS

DL-1- SINGLE PENDANT (30"D X 10" H)
 SEASCAPE LIGHTING: LUTHER
 TOP SHADE: TAFFETA ROUGE
 BOTTOM SHADE: SILK CREAM
 HARDWARE: 4' BRAIDED CORD
 WATTS 60
 (800) 444-0233
 SEASCAPELAMPS.COM
 **TO BE INSTALLED @ 30" ABOVE TABLE TOP

DL-2- SINGLE PENDANT (22"D X 10"H)
 SEASCAPE LIGHTING: LUTHER
 TOP SHADE: SILK CREAM
 BOTTOM SHADE: SILK CREAM
 HARDWARE: 4' BRAIDED CORD
 WATTS 60
 (800) 444-0233
 SEASCAPELAMPS.COM
 **TO BE INSTALLED @ 30" ABOVE TABLE TOP

DL-3- SINGLE PENDANT (8"D X 10" HIGH)
 SEASCAPE LIGHTING: LUMIERE
 TOP SHADE: POLYCARBONATE
 BOTTOM SHADE: SILK CREAM
 HARDWARE: 4' BRAIDED CORD
 WATTS 60
 (800) 444-0233
 SEASCAPELAMPS.COM
 **TO BE INSTALLED @ 30" ABOVE TABLE TOP

LAMINATED TV BOX

LAMINATE: **PL-1L** WILSONART - NORTHERN PINE 11101K-12
 POWDER COATED POSTS: SHERWIN WILLIAMS CHROME #PAF8-C0008-50

GENERAL CONTRACTOR SPECIFICATIONS - BK CUSTOM RED

DRINK STATION

SUPPLIED BY KES (LAMINATED - VENERABLE OLD OAK WITH METAL ACCENTS - IF USING LAMINATED FSC FASCIA)

WAINSCOT

WP-1L GENERAL WAINSCOT - WILSONART - NORTHERN PINE 11101K-12
 LAMINATE ADHERED TO 1/4" PVC SUBSTRATE WITH Z LOCK VERTICAL JOINTS
 CONTACT: PATTY GOFFE @ WILSONART (678) 296-7271

CHAIR RAIL & WINDOW SILLS

SOLID SURFACE: **SS-6L** STARON -TEMPEST - ASPEN LILY AL646

PAINTED GYP BOARD SOFFIT

OUTER: **P-3L** GLIDDEN PROFESSIONAL - WRIGHT STONE
 INNER: **P-7L** GLIDDEN PROFESSIONAL - RED LETTER DAY
 PLEASE SEE PAINT SPECS FOR DETAILED INFORMATION

BK GRAPHICS INCLUDING 'MANIFESTO'

GRAPHIC VENDORS:
 Moss Retail, Contact: Ruth Eichler (773) 435-7655
 OR
 VGS, Inc. Contact: Greg Moroz (201) 528-9680

NOTE: RECOMMENDED ITEMS MAY HAVE LONG LEAD TIMES OR LIMITED AVAILABILITY. GC IS RESPONSIBLE FOR ORDERING ITEMS WITH SUFFICIENT TIME FRAME TO ENSURE DELIVERY ON SCHEDULE. ALTERNATE FINISHES MAY BE AVAILABLE.



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T: 815.730.7980 F: 815.730.7969

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Project Contacts:

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 Linda Bender 815.730.7980 x 2288
 Mel Randall 815.730.7980 x 2234

Interior Design:
 Samantha Uthe 815.730.7980 x 2251
 Lori Manion 815.730.7980 x 2242
 Kimberly Sea 815.730.7980 x 2273
 Rita Gear: 815.730.7980
 Niha Prasad: 815.730.7980

**After delivery of decor if you have any questions please contact customer service at 815.730.7980



PROJECT:

Improved 20/20 Light

LOCATION: ST. PAUL, MN

ADDRESS: 695 E 7 ST.

STORE #: 10284

DRAWN BY: NP

PROJECT MANAGER: Zach DePyssler

SALES MANAGER: Linda Bender

DATE: 01-11-16

REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE: Specifications

SCALE: NTS

ID-9

11 x 17 SIZE FORMAT

INTERIOR BUILDING SPECIFICATIONS -- CEILING, TILE



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 Niha Prasad 815.730.7980

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PROJECT:	
Improved 20/20 Light	
LOCATION:	ST. PAUL, MN
ADDRESS:	695 E 7 ST.
STORE #:	10284
DRAWN BY:	NP
PROJECT MANAGER:	Zach DePyssler
SALES MANAGER:	Linda Bender

DATE:	01-11-16		
REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE:	Interior Building Specifications
SCALE:	NTS

ID-10

11 x 17 SIZE FORMAT

BURGER KING 20/20 LIGHT INTERIOR MATERIALS & FINISH SCHEDULE ** TO BE USED WITH 20/20 LIGHT GUIDELINES DOC.								
1/27/2016	CODE	MATERIAL	LOCATION	MANUFACTURER	PRODUCT	DESCRIPTION	ADDITIONAL INFORMATION	
ACOUSTICAL CEILING								
ACT-1L	ACOUSTICAL CEILING TILE	DINING	ARMSTRONG	FINE FISSURED	WHITE	2' X 2' X 3/4"	CONTACT: LOUIS J. JOHN - NATIONAL ACCOUNTS MANAGER	
				#1732	GRID: 2 x2 ANGLED REGULAR 15/16	GRID COLOR: WHITE		407-697-6766 LJJOHN@ARMSTRONG.COM
ACT-1L UPGRADE	ACOUSTICAL CEILING TILE	DINING		FINE FISSURED	ADOBE	2' X 2' X 3/4"		
				#1732	GRID: 2 x2 ANGLED REGULAR 15/16	GRID COLOR: ADOBE		
ACT-2L	ACOUSTICAL CEILING TILE	BACK OF HOUSE	USG INTERIORS	#BP072	PANEL COLOR: WHITE	2' X 4' X 1/2"	CONTACT: ARMSTRONG STRATEGIC ACCOUNTS (800) 442-4212	
				KITCHEN ZONE	GRID: PRELUDE 15/16" EXPOSED TEE GRID			
ACT-1L	ACOUSTICAL CEILING TILE	DINING		WHITE	PANEL COLOR: WHITE	2' X 2' X 3/4"	CONTACT: CHRIS BENJAMIN @ USG	
				RADAR CLIMA PLUS #2210	GRID: Down DX/DXL		312-436-5458	CBENJAMIN@USG.COM
ACT-1L UPGRADE	ACOUSTICAL CEILING TILE	DINING	TAUPE	PANEL COLOR: TAUPE	2' X 2' X 3/4"			
			RADAR CLIMA PLUS #2210	GRID: Down DX/DXL				
ACT-2L	ACOUSTICAL CEILING TILE	BACK OF HOUSE	SHEETROCK BRAND LAY-IN	PANEL COLOR: WHITE	2' X 4' X 1/2"			
			CEILING PANEL CLIMAPLUS #3270	GRID: Down DX/DXL				
				GRID COLOR: WHITE				
FLOOR & WALL FINISHES AT DINING, RESTROOMS & BACK OF HOUSE								
DECORATIVE FLOOR & WALL TILES OPTION A								
CT-1L	CERAMIC TILE	ACCENT TILE	INTERCERAMIC	FORESTLAND	CYPRESS	6" X 24"	CONTACT: INTERCERAMIC NATIONAL ACCOUNTS - 214-503-4812	
								JOSE VALDEZ jvaldez@interceramic.com Phone: (214) 503-5507
								MICHAEL MORRIS - CORPORATE ACCOUNTS MANAGER
								704-907-7918 MMORRIS@INTERCERAMIC.COM
CT-2L	CERAMIC TILE	FIELD TILE		ADVANCED GRIGIO	ADVANCED GRIGIO	12" X 24"		NOTE: USE WITH GR-1L
								NOTE: USE WITH GR-8L
CT-3L	CERAMIC TILE	RESTROOMS		CONCRETE	DARK GRAY	12" X 12"		NOTE: USE WITH GR-3L
CT-4L	CERAMIC TILE	FLOORING/WALL		CONCRETE	DARK GRAY	6" X 8"		NOTE: USE WITH GR-3L
CT-5L	CERAMIC TILE	RESTROOMS		CONCRETE	BEIGE	12" X 12"		NOTE: USE WITH GR-4L
CT-7L	CERAMIC TILE	COVE BASE		CONCRETE	BEIGE	6" X 8"		NOTE: USE WITH GR-4L
CT-8L	CERAMIC TILE	RESTROOMS		CONCRETE	BEIGE	4" X 12"		NOTE: USE WITH GR-4L
CT-9L	CERAMIC TILE	RESTROOMS		CONCRETE	BEIGE	4" X 12"		NOTE: USE WITH GR-4L
CT-9L	CERAMIC TILE	FOOD PREP	IC BRITE	ULTRA WHITE	8" X 10"		NOTE: USE WITH GR-5L	
CT-12L	CERAMIC TILE	DINING AREA	ADVANCED GRIGIO	ADVANCED GRIGIO	6" X 24" (CUT TILE)		NOTE: USE WITH GR-8L	
CT-12L	CERAMIC TILE	BASE	ADVANCED GRIGIO	ADVANCED GRIGIO	3" X 24"		NOTE: USE WITH GR-8L	
CT-12L	CERAMIC TILE	BULLNOSE DINING AREA	ADVANCED GRIGIO	ADVANCED GRIGIO	3" X 24"		NOTE: USE WITH GR-8L	
				LIPICA	BULLNOSE			
DECORATIVE FLOOR & WALL TILES OPTION B								
CT-1L	CERAMIC TILE	ACCENT TILE	GRANITI FIANDRE	EUROWEST	COCO WOOD	6" X 24"	CONTACT: JAN DETER AT EUROWEST (714) 309-9551 JOY KLEIN 813-334-3302 jklein@transceramica.com	
								NOTE: USE WITH GR-1L
CT-1L (ALT)	CERAMIC TILE	ACCENT TILE		EUROWEST	COCO WOOD	12" X 24"		NOTE: USE WITH GR-1L
CT-2L	CERAMIC TILE	FIELD TILE		EUROWEST	BK CLASSIC	12" X 24"		NOTE: USE WITH GR-8L
CT-3L	CERAMIC TILE	RESTROOMS		EUROWEST	HONED	12" X 24" or 12" X 12"		NOTE: USE WITH GR-3L
CT-4L	CERAMIC TILE	FLOORING/WALL		EUROWEST	NIHON NORI	6" X 12"		NOTE: USE WITH GR-3L
CT-4L	CERAMIC TILE	COVE BASE		EUROWEST	NIHON NORI	6" X 12"		NOTE: USE WITH GR-3L
CT-5L	CERAMIC TILE	RESTROOMS		EUROWEST	COVEBASE	12" X 24" or 12" X 12"		NOTE: USE WITH GR-4L
CT-5L	CERAMIC TILE	RESTROOMS		EUROWEST	YUKI	12" X 24" or 12" X 12"		NOTE: USE WITH GR-4L
CT-6L	CERAMIC TILE	WALL ACCENT		EUROWEST	FINISH HONED			NOTE: USE WITH GR-12L
CT-6L	CERAMIC TILE	RESTROOMS TOILET WALL		EUROWEST	ISHI BAMBOO MOSAIC	MOSAIC		TO BE APPLIED BEHIND TOILET. RUN VERTICALLY.
CT-7L	CERAMIC TILE	COVE BASE		EUROWEST	YUKI	6" X 12"		NOTE: USE WITH GR-4L
CT-8L	CERAMIC TILE	RESTROOMS	EUROWEST	COVE BASE	YUKI	3" X 12"	NOTE: USE WITH GR-4L	
CT-8L	CERAMIC TILE	BULLNOSE	EUROWEST	YUKI	3" X 12"		NOTE: USE WITH GR-4L	
CT-9L	CERAMIC TILE	RESTROOMS	TCL	752060 BIANCO WHITE	10" X 18"		NOTE: USE WITH GR-5L	
CT-9L	CERAMIC TILE	FOOD PREP		GLOSS				
CT-12L	CERAMIC TILE	DINING AREA	EUROWEST	BK CLASSIC	6" X 24"		NOTE: USE WITH GR-1L	
CT-12L	CERAMIC TILE	BASE		HONED (CUT TILE)				
CT-14L	CERAMIC TILE	BEVERAGE STATION TILE	EUROWEST	RIFMO ROSSO	8" X 13"		CONTACT: JAN DETER AT EUROWEST (714) 309-9551 JOY KLEIN 813-334-3302 jklein@transceramica.com	
							NOTE: USE WITH GR-13L	
							TO BE USED WITH P-14L/ PL-6L/ UPH-8L REFER TO 2020 LIGHT GUIDELINES	
DECORATIVE FLOOR & WALL TILES OPTION C								
CT-1L	CERAMIC TILE	ACCENT TILE	EMSER TILE	ALPINE	ESPRESSO	6" X 36"	CONTACT: TAMARA RAMSEY (303) 902-3992	
								NOTE: USE WITH GR-1L
CT-2L	CERAMIC TILE	FIELD TILE		SANDSTONE	BEIGE	12" X 24"		NOTE: USE WITH GR-8L
CT-3L	CERAMIC TILE	RESTROOMS		SPECULAR	NYSHIRA	12" X 12"		NOTE: USE WITH GR-3L
CT-4L	CERAMIC TILE	COVE BASE		SPECULAR	NYSHIRA	6" X 12"		NOTE: USE WITH GR-3L
CT-5L	CERAMIC TILE	RESTROOMS		SPECULAR	COVE	12" X 12"		NOTE: USE WITH GR-4L
CT-5L	CERAMIC TILE	RESTROOMS		SPECULAR	ACAMAR	12" X 12"		NOTE: USE WITH GR-4L
CT-7L	CERAMIC TILE	COVE BASE		SPECULAR	ACAMAR	6" X 12"		NOTE: USE WITH GR-4L
CT-8L	CERAMIC TILE	RESTROOMS		SPECULAR	ACAMAR	3" X 12"		NOTE: USE WITH GR-4L
CT-8L	CERAMIC TILE	BULLNOSE		SPECULAR	ACAMAR	3" X 12"		NOTE: USE WITH GR-4L
CT-9L	CERAMIC TILE	FOOD PREP		BASIX	WHITE GLOSS	4" X 16"		NOTE: USE WITH GR-5L
CT-9L	CERAMIC TILE	RESTROOMS		F888ASTW0416P				
CT-12L	CERAMIC TILE	DINING AREA	SANDSTONE	BEIGE	6" X 24"		NOTE: USE WITH GR-1L	
							(CUT TILE)	
DECORATIVE FLOOR & WALL TILES OPTION D								
CT-1L	CERAMIC TILE	ACCENT TILE	DAL TILE	TIMBER GLEN	P6114241P	4" X 24"	CONTACT: DAL TILE SUPPORT CENTER @ (877) 556-5728	
		PENDING BKC APPROVAL		HICKORY				NOTE: USE WITH GR-1L
CT-2L	CERAMIC TILE	FIELD TILE		SAN MICHELLE	S140	12" X 24"		NOTE: USE WITH GR-8L
		PENDING BKC APPROVAL		CREMA (VEIN CUT)				
CT-3L	CERAMIC TILE	RESTROOMS		TORREON	TN09	12" X 12"		NOTE: USE WITH GR-3L
					COAL			CONTACT: DAL TILE SUPPORT CENTER @ (877) 556-5728 OR ALEXANDRA STEFAN (305)975-0889 (3-4 WEEKS LEAD TIME)
CT-4L	CERAMIC TILE	COVE BASE		TORREON	TN09	6" X 12"		NOTE: USE WITH GR-3L
CT-5L	CERAMIC TILE	RESTROOMS		TORREON	COAL	12" X 12"		NOTE: USE WITH GR-4L
					TN05			
CT-7L	CERAMIC TILE	COVE BASE		TORREON	CLOUD	6" X 12"		NOTE: USE WITH GR-4L
					TN05			
CT-8L	CERAMIC TILE	RESTROOMS		TORREON	CLOUD	6" X 12"		NOTE: USE WITH GR-4L
				TN09				
CT-9L	CERAMIC TILE	FOOD PREP	TORREON	P-36COT	12" X 18"		NOTE: USE WITH GR-5L	
				POLARIS				
CT-12L	CERAMIC TILE	DINING AREA BASE	SAN MICHELLE	S140	6" X 24"		NOTE: USE WITH GR-1L	
		PENDING BKC APPROVAL	CREMA (VEIN CUT)				(CUT TILE)	
CT-24L	CERAMIC TILE	BEVERAGE STATION TILE	CANDY APPLE RED	Q-F93	6" X 8"		CONTACT: DAL TILE SUPPORT CENTER @ (877) 556-5728	
							NOTE: USE WITH UPH-1L / P-1L / P-7L / PL-7L	
							NOTE: USE WITH GROUT GR-13L	

GENERAL CONTRACTOR SPECIFICATIONS -- TILE, GROUT



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Niha Prasad: 815.730.7980

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PROJECT: Improved 20/20 Light

LOCATION: ST. PAUL, MN

ADDRESS: 695 E 7 ST.

STORE #: 10284

DRAWN BY: NP

PROJECT MANAGER: Zach DePyssler

SALES MANAGER: Linda Bender

DATE: 01-11-16

REVISION HISTORY

DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE: Interior Building Specifications

SCALE: NTS

ID-11

11 x 17 SIZE FORMAT

GROUT							
GR-1L	GROUT	ACCENT TILE	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#185 - NEW TAUPE		NOTE: USE WITH CT-1L
			MAPEI	SANDED	#09 GRIS		*** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET
GR-2L	GROUT	WALL TILE	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#101 QUARTZ		NOTE: USE WITH CT-16L
			MAPEI	SANDED	#14 BISCUIT		*** FOR SETTING MATERIALS USE MAPEI ULTRA-CONTACT-GRAY
GR-3L	GROUT	RESTROOMS	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#19 PEWTER		NOTE: USE WITH CT-3L, CT-4L
			MAPEI	SANDED	#47 CHARCOAL		*** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET
GR-4L	GROUT	RESTROOMS	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#101 QUARTZ		NOTE: USE WITH CT-5L, CT-7L, CT-8L
			MAPEI	SANDED	#44 PALE UMBER		*** FOR SETTING MATERIALS USE MAPEI ULTRA-CONTACT-GRAY
GR-5L	GROUT	FOOD PREP	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#381 - BRIGHT WHITE		NOTE: USE WITH CT-9L
			MAPEI	ULTRA COLOR UNSANDED	#38 AVALANCHE		*** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET
GR-8L	GROUT	FIELD TILE	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#386 OYSTER GRAY		NOTE: USE WITH CT-2L
			MAPEI	ULTRA COLOR UNSANDED	#02 PEWTER		*** FOR SETTING MATERIALS USE MAPEI ULTRA-CONTACT-GRAY
GR-9L	GROUT	FSC & ACCENT WALL TILE	LATICRETE	POLYBLEND SANDED	#66 CHESTNUT BROWN		NOTE: USE WITH CT-18L
							*** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET
GR-11L	GROUT	FIELD TILE	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#145 LIGHT SMOKE		NOTE: USE WITH WP-1L
			MAPEI	ULTRA COLOR UNSANDED	#05 CHAMOIS		*** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET
GR-12L	GROUT	RESTROOM	LATICRETE	POLYBLEND SANDED	#24 NATURAL GREY		NOTE: USE WITH CT-6L
							*** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET
GR-13L	GROUT	BEVERAGE STATION TILE	MAPEI	ULTRA COLOR UNSANDED	#05 CHAMOIS		NOTE: USE WITH CT-14L AND CT-24L
							*** FOR SETTING MATERIALS USE MAPEI ULTRA-CONTACT-GRAY
GR-14L	GROUT	FSC KNEEWALL / ACCENT WALL	CUSTOM BUILDING PRODUCTS	POLYBLEND SANDED	#52 TOBACCO BROWN		NOTE: USE WITH CT-20L
							*** FOR SETTING MATERIALS USE COMPLETE CONTACT RAPID SET
BACK OF HOUSE FLOOR TILE							
CT-10L	QUARRY TILE	BACK OF HOUSE FLOORING	DAL-TILE	QUARRY TILE	Q042 ARID GRAY	6" X 6"	NOTE: USE WITH GR-6L
CT-11L	QUARRY TILE BASE	BACK OF HOUSE	DAL-TILE	QUARRY TILE	Q-3565	5" X 6"	NOTE: USE WITH GR-6L
		COVE BASE			COVE BASE - ARID GRAY		
GR-6L	GROUT	BACK OF HOUSE	LATICRETE	SPECTRALOCK 2000 IG	# 45 "RAVEN"		NOTE: USE WITH CT-10L, CT-11L
TS-1L	TRANSITION STRIP	CERAMIC TILE TO CERAMIC TILE	SCHLUTER SYSTEMS	TRANSITION PROFILES FOR FLOORS	SCHIENE (RADIUS) AE 100 - R, SATIN ANODIZED ALUMINUM 3/8" - 10MM		CONTACT: KIRBY DAVIS AT LATICRETE (203) 671-7210 CONTACT: EARL MAICUS AT SCHLUTER SYSTEMS 800-267-0817 EMAICUS@SCHLUTER.COM
WALL FINISHES / PAINT							
CT-16L	STONE	WALL ACCENT	DAL-TILE	MOONGLOW	MS80	12" x 12"	CONTACT: DAL TILE SUPPORT CENTER @ (877) 556-5728 OR ALEXANDRA STEFAN (305)975-0689 (3-4 WEEKS LEAD TIME)
				IMPERIAL STACK STONE - MESA GRAY (VENEERSTONE)	CHISELED READY STACK		
			EMSER TILE	SPLIT FACE OFFSET BEIGE	ANTIQUE & TUMBLED STONE	12" x 12"	CONTACT: TAMARA RAMSEY (303) 902-3992
					MOSAIC		NOTE: USE WITH GR-2L
			INTERCERAMIC	DESERT TRAVONYA	ANTIQUE & TUMBLED STONE	12" x 12"	CONTACT: JOSE VALDEZ jvaldez@interceramic.com Phone: (214) 503-5507
				SPLIT FACE STONE	NOTE: GC TO SEAL STONE		JOSE VALDEZ jvaldez@interceramic.com Phone: (214) 503-5507
CT-20L	CERAMIC TILE	FSC KNEE WALL & ACCENT WALL	GRANITI FIANDRE	LENGNI HIGH TECH	ROVERE MOKA	6" X 36"	CONTACT: JAN DETER AT EUROWEST (714) 309-9551 JOY KLEIN 813-334-3302 jklein@transceramica.com
CT-21L	CERAMIC TILE	WALL ACCENT	DAL-TILE	KIMONA SILK	P320	12" x 24"	CONTACT: DAL TILE SUPPORT CENTER @ (877) 556-5728
					WHITE ORCHID		NOTE: USE WITH GR-2L
			GRANITI FIANDRE	T577	WILD SILK	12" x 24"	CONTACT: JAN DETER AT EUROWEST (714) 309-9551 JOY KLEIN 813-334-3302 jklein@transceramica.com
							NOTE: CAN BE PROVIDED FOR LOCATION THAT REQUIRES LIGHTER COLOR TILES BEHIND BEVERAGE STATION
CT-24L	CERAMIC TILE	BEVERAGE STATION TILE BACK WALL	DAL-TILE	CANDY APPLE RED	Q-F93	6" x 8"	CONTACT: DAL TILE SUPPORT CENTER @ (877) 556-5728
FRP-1L	FIBERGLASS REINFORCED PANEL	BACK OF HOUSE	MARLITE	STANDARD FRP	S100 S2S		NOTE: USE WITH UPH-1L / P-1L / P-7L / PL-7L CONTACT: MIKE FREW AT MARLITE (330) 260-7623 MFREW@marlite.com
MT-1L	METAL	FRONT COUNTER ACCENT		BAR STOCK	CLEAR ALUMINUM	1/4" X 1/4"	CUSTOMER SERVICE - (330) 343-6621

GENERAL CONTRACTOR SPECIFICATIONS -- PAINT, LAMINATES



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PROJECT:	
Improved 20/20 Light	
LOCATION:	ST. PAUL, MN
ADDRESS:	695 E 7 ST.
STORE #:	10284
DRAWN BY:	NP
PROJECT MANAGER:	Zach DePyssler
SALES MANAGER:	Linda Bender

DATE:		01-11-16	
REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
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02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE:	
Interior Building Specifications	
SCALE:	NTS
ID-12	

11 x 17 SIZE FORMAT

Item #	Material	Description	Manufacturer	Notes
P-1L	PAINT	INTERIOR BULKHEAD & SOFFIT ACCENT - RED	PPG	PRIMER: 17-921 (Primer Color Grey) 10YR 15/500 PAINT: PPG 6-411 (Atr. PPG 25-250) Eggshell
P-2L	PAINT	EXPOSED CEILING ACCENT - BLACK MENU BOARD SOFFIT	PPG	PRIMER: 17-921 (Primer Color Grey) 00N 07/000 PAINT: PPG 6-411 (Atr. PPG 25-250) Eggshell
P-3L	PAINT	INTERIOR WALLS	PPG	PRIMER: 6-2 WRIGHT STONE 10Y 30/106 PAINT: PPG 6-411 Eggshell
P-4L	PAINT	INTERIOR DOOR FRAMES	PPG	PRIMER: 6-212 WRIGHT STONE 10Y 30/106 PAINT: 6-1110XI Eggshell
P-5L	PAINT	RESTROOM CEILING	PPG	PRIMER: 6-2 WHITE ON WHITE 30CY 88/014 PAINT: PPG 6-411 Eggshell
P-6L	PAINT	EXPOSED DECKING, WOOD TRUSSES EXPOSED CEILING	PPG	PRIMER: 17-921 (Primer Color Grey) 00Y 09/087 PAINT: PPG 6-411 Eggshell
P-7L	PAINT	METAL PANEL ACCENT - RED	PPG	PRIMER: 17-921 (Primer Color Grey) 10YR 15/500 ABOVE FSC PAINT: PPG 6-411 (Atr. PPG 25-250) Eggshell
P-8L	PAINT	INTERIOR WALLS	PPG	PRIMER: 6-2 WRIGHT STONE 10Y 30/106 PAINT: PPG 6-411 Eggshell
P-9L	PAINT	DOOR FRAMES	PPG	PRIMER: 6-212 WRIGHT STONE 10Y 30/106 PAINT: 6-1110XI Eggshell
P-11L	PAINT	INTERIOR WALLS ACCENT	PPG	PRIMER: 6-2 TRADITIONAL TAN PAINT: PPG 6-411 Eggshell
P-14L	PAINT	ACCENT PAINT SOFFIT	PPG	PRIMER: 6-212 FLAMING RED Custom Formula PAINT: PPG 6-411 (Atr. PPG 25-250) Eggshell
PL-1L	PLASTIC LAMINATE	WAINSCOT/BOOTH/DOORS (SEE PLANS)	PIONITE	PLASTIC LAMINATE APPEARS LIKATRE WP115-SUPERMATTE Note: BK finish is Super matte. No finish substitutions
PL-5L	PLASTIC LAMINATE	ACCENT TABLE TOPS	PIONITE	PLASTIC LAMINATE ABSOLUTE ACAJOU WY160-N
PL-11L	PLASTIC LAMINATE	BARSTOOL BACK & FRONT	PIONITE	PLASTIC LAMINATE NUBIAN BROWN ST604-S
PL-13L	PLASTIC LAMINATE	BARSTOOL BACK & FRONT	PIONITE	PLASTIC LAMINATE NUBIAN BROWN ST604-I
PL-1L	PLASTIC LAMINATE	WAINSCOT/BOOTH/DOORS (SEE PLANS)	WILSONART	PLASTIC LAMINATE 11101K-12 NORTHERN PINE
PL-4L	PLASTIC LAMINATE	FRONT COUNTER FACE ACCENT	WILSONART	PLASTIC LAMINATE 4830-07 SATIN STAINLESS
PL-10L	PLASTIC LAMINATE	TABLE TOPS AT FEATURE ELEMENT	WILSONART	PLASTIC LAMINATE 7968K-12 LOFT OAK
PL-12L	PLASTIC LAMINATE	TABLE TOPS COMMUNITY TABLE OR OCCASIONAL TABLE	WILSONART	PLASTIC LAMINATE 7911-60 MANITOBA MAPLE
WP-1L	WALL PANEL SYSTEM	GENERAL WAINSCOTTING	MARLITE	PLASTIC LAMINATE 707.0000 RIBBONWOOD CONTACT: MIKE FREW AT MARLITE (330) 260-7623 MFREW@marlite.com CUSTOMER SERVICE - (330) 343-6621
PL-6L	PLASTIC LAMINATE	CHAIRS BACK & FRONT SOFFIT ACCENT	FORMICA	PLASTIC LAMINATE 6902-58 GRENADINE CONTACT: RICK LUDERS 678-206-8297 Rick.Luders@formica.com
PL-8L	PLASTIC LAMINATE	CHAIRS BACK & FRONT	FORMICA	PLASTIC LAMINATE S1027 WE LIBERTY RED NOTE: TO BE USED ONLY WITH UPH-8L AND P-14L
PL-9L	PLASTIC LAMINATE	FEATURE ELEMENT LOW WALL TABLE TOPS (OPTION FOR FSC KNEEWALL)	NEVAMAR	PLASTIC LAMINATE WOOD ESSENCE WK0017T REFER TO 2020 LIGHT GUIDELINES FOR FURTHER DIRECTIONS
PL-7L	PLASTIC LAMINATE	GENERAL DINING	NEVAMAR	PLASTIC LAMINATE VENERABLE OLD OAK NOTE: TO BE USED FOR ENHANCED PACKAGE ONLY
TR-1L	METAL TRIM	DINING FLOOR TRANSITION	SCHLUTER	PLASTIC LAMINATE LIBERTY RED NOTE: TO BE USED WITH UPH-1L / P-1L AND PL-7L
TR-2L	METAL TRIM	GENERAL DINING TRANSITION	SCHLUTER	AE 100 D SATIN ANODIZED ALUMINUM 3/8" TILE THICKNESS CONTACT: EARL MAICUS @ SCHLUTER SYSTEMS 800-267-0817 EMAICUS@SCHLUTER.COM
TR-3L	METAL TRIM	GENERAL WALL TRANSITION	SCHLUTER	RECTANGULAR BAR STOCK BRUSHED ALUMINUM 1" X 1/4"
WP-1L	CERAMIC TILE	GENERAL WAINSCOTTING	GRANITI FIANDRE	CORNER GUARD BRUSHED ALUMINUM 1/2" X 1/2"
UPGRADE				EUROWEST HAZELNUT TAN 12" X 24" CONTACT: JAN DIETER AT EUROWEST (714) 309-9551 JOY KLEIN 813-334-3302 jklein@transceramica.com NOTE: USE WITH GR-11L

GENERAL CONTRACTOR SPECIFICATIONS --SOLID SURFACE, RESIN, UPHOLSTERY



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Rockdale, IL 60436

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T: 815.730.7980 F: 815.730.7969

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Interior Design:
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Rita Gear: 815.730.7980
Niha Prasad: 815.730.7980

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PROJECT:
Improved 20/20 Light

LOCATION: ST. PAUL, MN

ADDRESS: 695 E 7 ST.

STORE #: 10284

DRAWN BY: NP

PROJECT MANAGER: Zach DePyssler

SALES MANAGER: Linda Bender

DATE: 01-11-16

REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

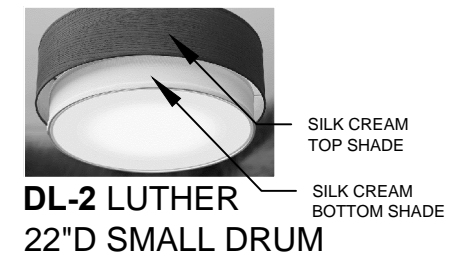
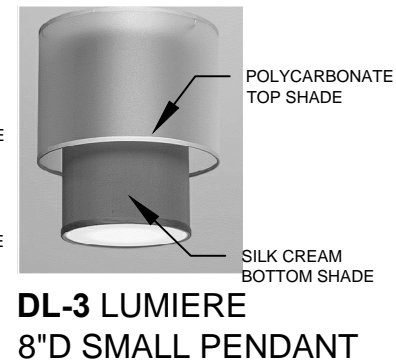
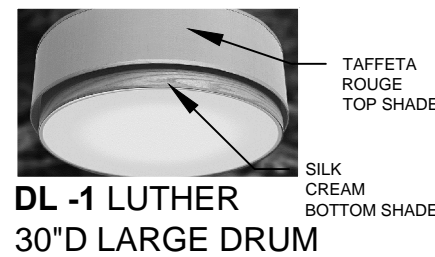
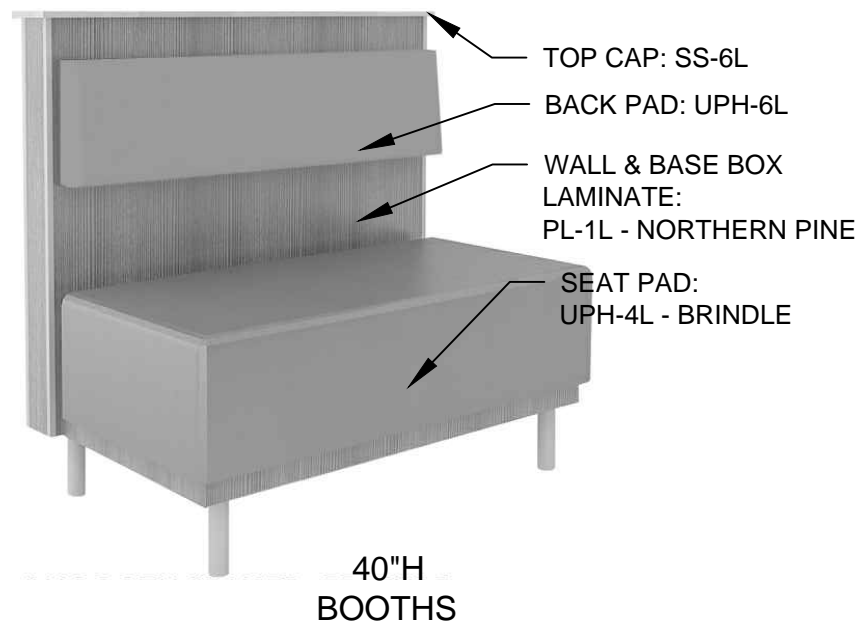
DRAWING TITLE:
Interior Building Specifications

SCALE: NTS

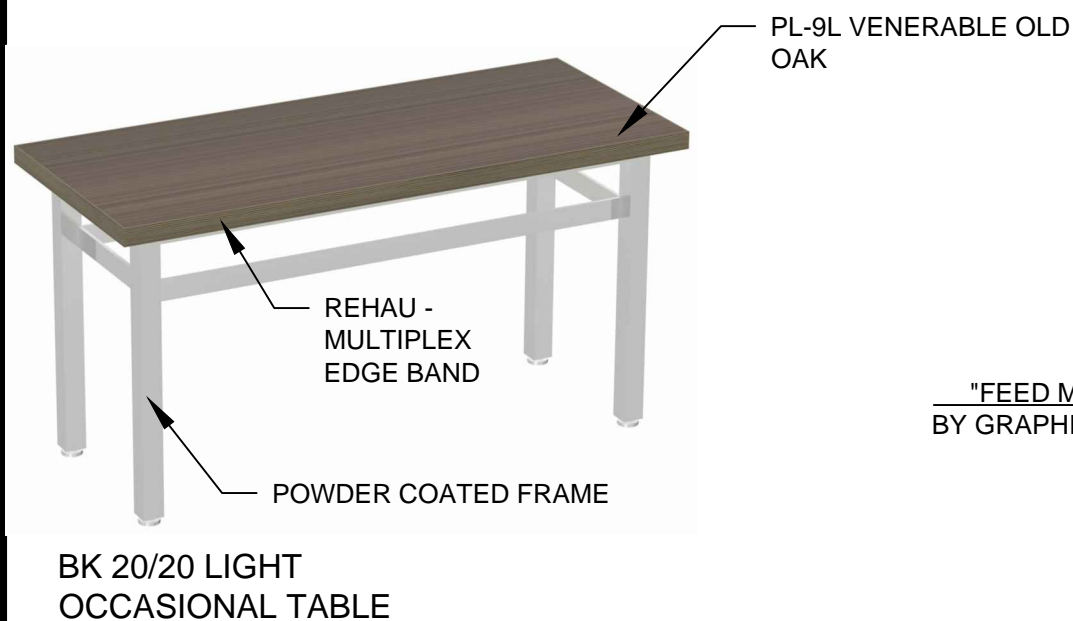
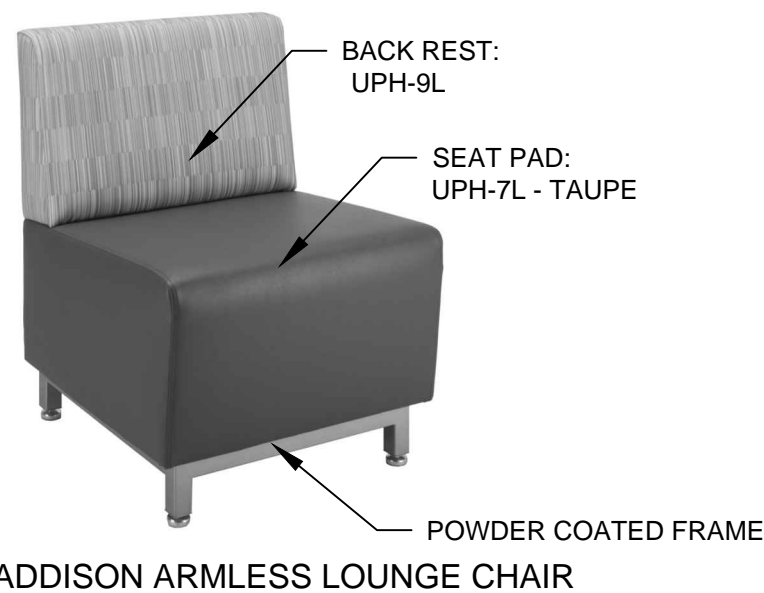
ID-13

11 x 17 SIZE FORMAT

SOLID SURFACE							
SS-1L	SOLID SURFACE	FIXTURES AS NOTED FSC	CORIAN	SOLID SURFACE	SANDALWOOD PRIVATE COLLECTION	1/2" THICKNESS CONTACT: RANDY HOUSTON @ 404-274-3047	
SS-2L	SOLID SURFACE	FIXTURES AS NOTED TOP CAP/ SILL		SOLID SURFACE	SANDALWOOD PRIVATE COLLECTION	1/2" THICKNESS	
SS-3L	SOLID SURFACE	FIXTURES AS NOTED FEATURE ELEMENT/TOP CAP		SOLID SURFACE	SANDALWOOD PRIVATE COLLECTION	1/2" THICKNESS	
SS-7L	SOLID SURFACE	FIXTURES AS NOTED		SOLID SURFACE	WITCH HAZEL	1/2" THICKNESS	
SS-1L	SOLID SURFACE	FIXTURES AS NOTED FSC		LG SURFACES	SOLID SURFACE	TERNI M201	1/2" THICKNESS CONTACT: CHERI RUKAVINA @ LG SURFACES (404) 435-8092
SS-2L	SOLID SURFACE	FIXTURES AS NOTED TOP CAP/ SILL			SOLID SURFACE	TERNI M201	1/2" THICKNESS
SS-3L	SOLID SURFACE	FIXTURES AS NOTED FEATURE ELEMENT/TOP CAP	SOLID SURFACE		TERNI M201	1/2" THICKNESS	
SS-6L	SOLID SURFACE	FIXTURES AS NOTED	SOLID SURFACE		HI-MACS COCONUT	1/2" THICKNESS	
SS-6L	SOLID SURFACE	FIXTURES AS NOTED	SAMSUNG / STARON		SOLID SURFACE	ASPEN LILY AL646	1/2" THICKNESS CONTACT: BILL MISKA@ 813-404-2876 bill.miska@samsung.com
FABRICS							
UPH-1L (SEE NOTE FOR USAGE)	FABRIC	SEATING SEAT PAD/ BACK PAD/ SOFT SEATING	CF STINSON	AVANT	AV108 TOMATOE	NOTE: TO BE USED ONLY WITH P-1L / P-7L AND PL-7L REFER TO 2020 LIGHT GUIDELINES FOR FURTHER DIRECTIONS CONTACT: GLENN STINSON @ 248-299-3800	
UPH-3L	FABRIC	SEATING BACK PAD/ SOFT SEATING		AVANT	AV130 BONE		
UPH-4L	FABRIC	SEATING SEAT PAD/ SOFT SEATING		LAREDO	L 19 BRINDLE		
UPH-4L	FABRIC	SEATING SEAT PAD/ SOFT SEATING		AVANT	BK CUSTOM DESERT		
UPH-5L	FABRIC	SEATING BACK PAD / BACK REST SOFT SEATING		BK INTERLACE	NATURAL		
UPH-6L	FABRIC	SEATING BACK PAD / BACK REST SOFT SEATING		MOXIE	MOX 70 MOJO		
UPH-8L (SEE NOTE FOR USAGE)	FABRIC	SEATING SEAT PAD/ BACK PAD/ SOFT SEATING		AVANT	BK CUSTOM RED	NOTE: TO BE USED ONLY WITH P-14L AND PL-6L REFER TO 2020 LIGHT GUIDELINES FOR FURTHER DIRECTIONS	
UPH-7L	FABRIC	SEATING SOFT SEAT SEAT		LARIAT 440401	010 TAUPE	CONTACT: ZANDY RODON 404-909-8444 zrodon@maharam.com	
UPH-9L	FABRIC	SEATING BACK PAD / BACK REST SOFT SEATING		MAHARAM	LINEAGE 466127	002 TUSOCK	
WALLPAPERS							
WC-1L	WALL PAPER	WALL FINISH DINING ROOM	WOLF GORDON	WALL COVERING	BROOKLYN FULTON G-7938684 BLN 7-5659	CONTACT: VALERIE PEDERSON - NATIONAL SALES REPRESENTATIVE 612-251-5330 VALERIE.PEDERSON@WOLFGORDON.COM	
WC-2L	WALL PAPER	WALL FINISH DINING ROOM	MDC WALL COVERING	WALL COVERING	CHI, SABLE 1162 CI	CONTACT: 800-621-4006	
WC-3L	WALL PAPER	WALL FINISH DINING ROOM		LEDA	ALABASTER WC1033/2	CONTACT: KATE KOLACKI 561-262-8932 KKOLACKI@KNOLL.COM WW.KNOLLTEXTILES.COM	
WC-4L	WALL PAPER	WALL FINISH PLAYGROUND		THE INK COLLECTION DRIP	PUNCH WC1408/1	NOTE: (4 WEEKS LEAD TIME)	
WC-5L	WALL PAPER	WALL FINISH PLAYGROUND	KNOLL TEXTILES	THE INK COLLECTION DRIP	SAKE WC1408/3		
WC-6L	WALL PAPER	WALL FINISH PLAYGROUND		THE INK COLLECTION RUN	CORAL WC1409/1		
RESIN PANEL							
R-1L	RESIN	DIVIDER SCREENS	3-FORM	VARIA ECORESIN	TING TING PATENT FINISH FRONT & BACK	3/8" THICK CONTACT: JULIANA SHARKEY (954.579.6545) & JANICE ELDREDGE (801.649.2599) (3 WEEKS LEAD TIME)	
R-2L	RESIN	SMOOTHIE STATION DIVIDER SCREEN		VARIA ECORESIN	TING TING SUPERMATTE	3/8" THICK NOTE: R1-L TO BE USED WITH R2-L	
R-1L (ALT1)	RESIN	DIVIDER SCREENS		MODERNA	COURRIER SANDSTONE FINISH FRONT & BACK	3/8" THICK NOTE: R1-L (ALT1) TO BE USED WITH R2-L (ALT1)	
R-2L (ALT1)	RESIN	SMOOTHIE STATION DIVIDER SCREEN		MODERNA	COURRIER SUPERMATTE	3/8" THICK RESIN PANEL TYPE CANNOT BE MIX/ MATCH WITHIN RESTAURANT	
R-1L (ALT2)	RESIN	DIVIDER SCREENS	LUMICOR	WHITE HAVEN COLLECTION	KAURI - FRONT & BACK FINISH: SATIN	3/8" THICK CONTACT: DOROTHY L. DAVIS (305.213.3364) EMAIL - DDAVIS@THEAREYNOLDS.COM (3 WEEKS LEAD TIME)	
R-2L (ALT2)	RESIN	SMOOTHIE STATION DIVIDER SCREENS		WHITE HAVEN COLLECTION	KAURI - FRONT FINISH: SATIN	3/8" THICK NOTE: R1-L (ALT2) TO BE USED WITH R2-L (ALT2)	
					BACK FINISH- FROST		RESIN PANEL TYPE CANNOT BE MIX/ MATCH WITHIN RESTAURANT



PENDANT / DRUM SHADE COLORS



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 Mel Randall 815.730.7980 x 2234

Interior Design:
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 Rita Gear: 815.730.7980
 Niha Prasad: 815.730.7980

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PROJECT: Improved 20/20 Light

LOCATION: ST. PAUL, MN

ADDRESS: 695 E 7 ST.

STORE #: 10284

DRAWN BY: NP

PROJECT MANAGER: Zach DePyssler

SALES MANAGER: Linda Bender

DATE: 01-11-16

REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE: Product Images

SCALE: NTS

ID-14

11 x 17 SIZE FORMAT

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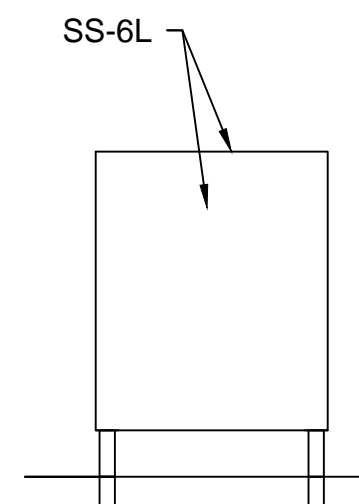
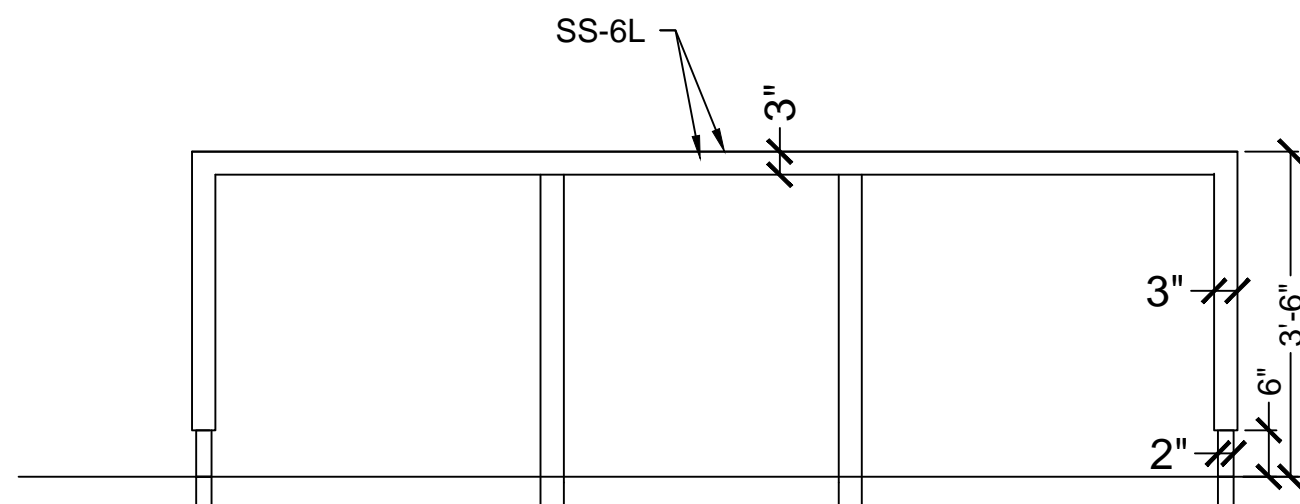
Project Contacts:

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Linda Bender 815.730.7980 x 2288
Mel Randall 815.730.7980 x 2234

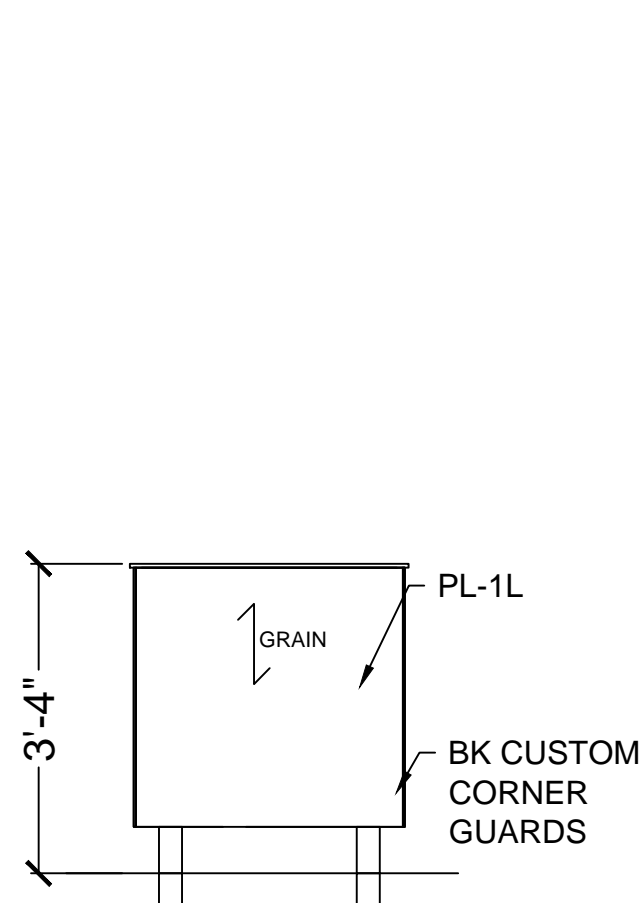
Interior Design:
Samantha Uthe 815.730.7980 x 2251
Lori Manion 815.730.7980 x 2242
Kimberly Sea 815.730.7980 x 2273
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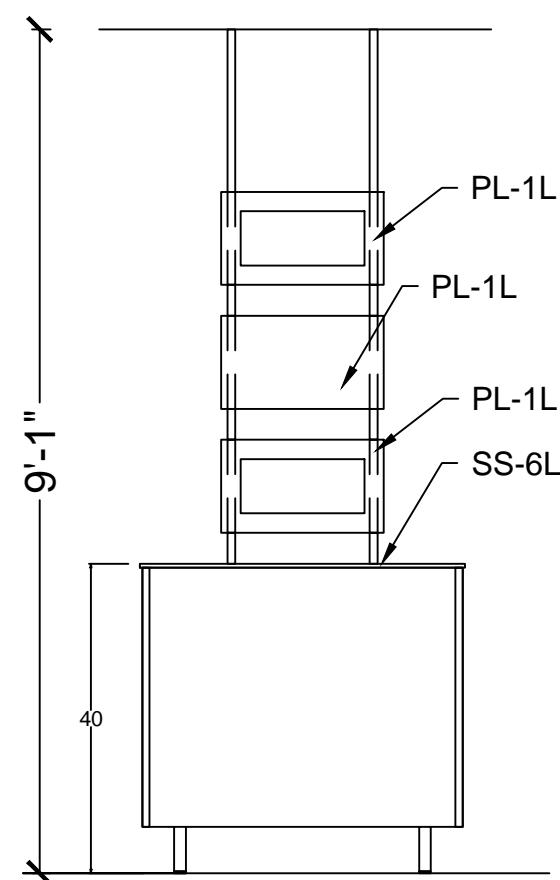


Community Table Elevations

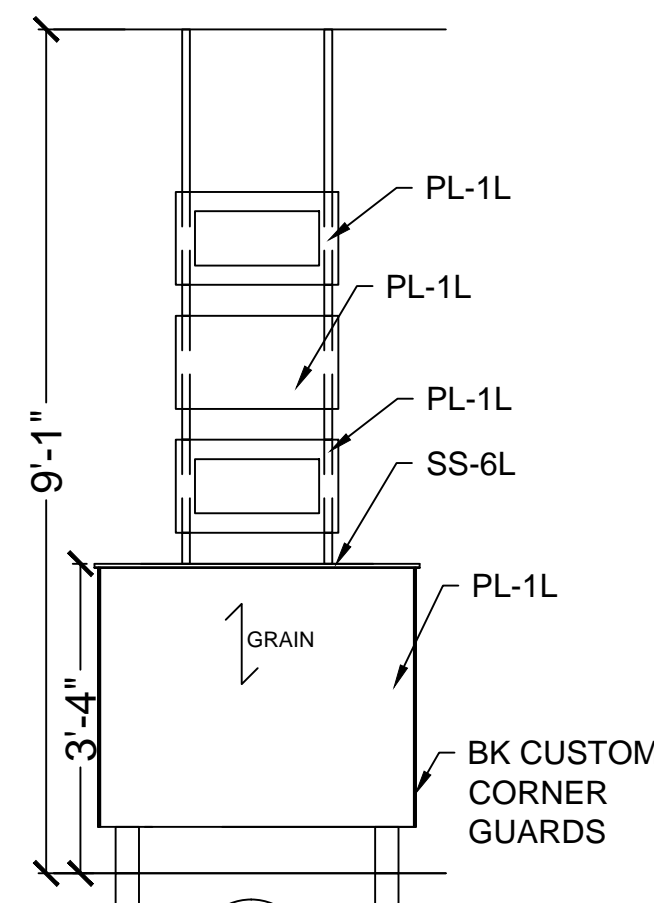
5 6



7



8



9

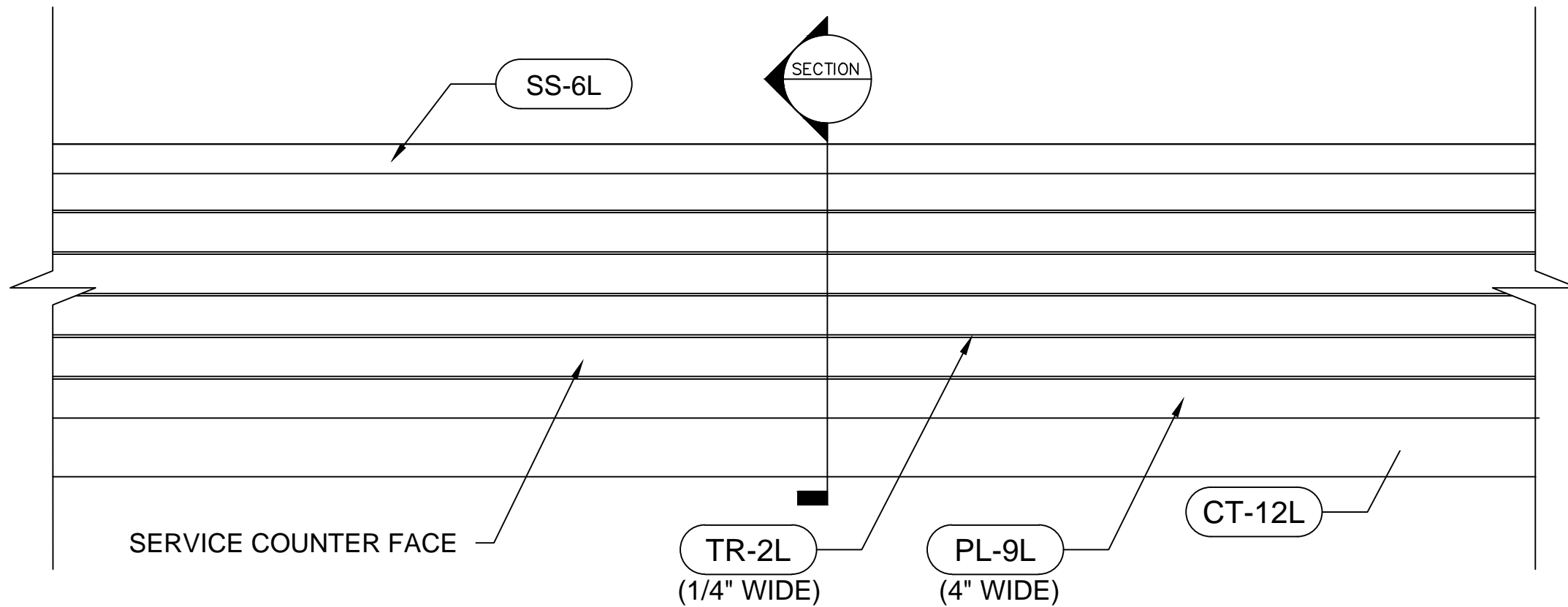


PROJECT: Improved 20/20 Light
LOCATION: ST. PAUL, MN
ADDRESS: 695 E 7 ST.
STORE #: 10284
DRAWN BY: NP
PROJECT MANAGER: Zach DePyssler
SALES MANAGER: Linda Bender

DATE: 01-11-16

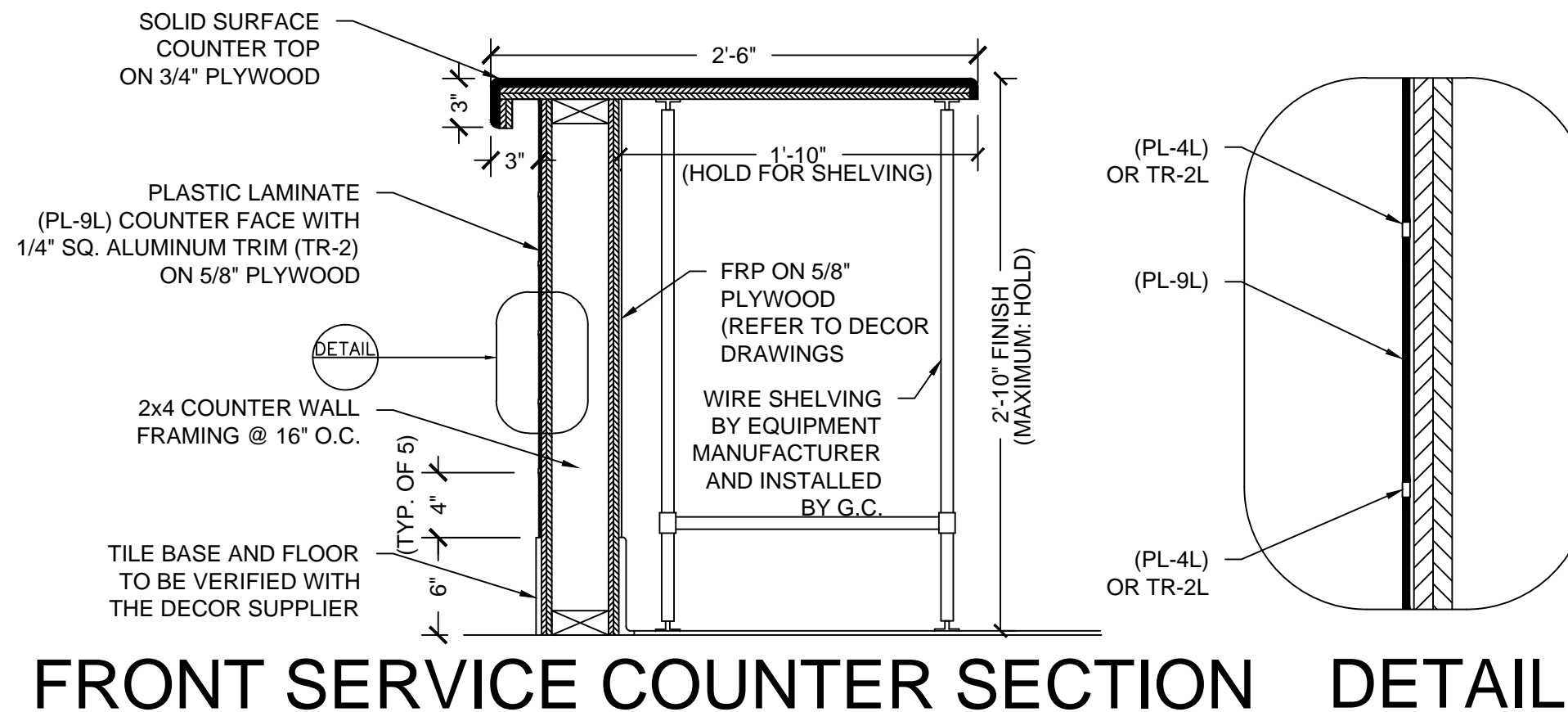
REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
01-22-16	2	REMOVE BOOTHS	NP
02-04-16	3	REVISE PER BKC	NP
02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE: Product Details
SCALE: NTS
ID-15



FRONT SERVICE COUNTER ELEVATION VIEW

SCALE: 1" = 1'-0"



SCALE: 3/8" = 1'-0"

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PROJECT: Improved 20/20 Light

LOCATION: ST. PAUL, MN

ADDRESS: 695 E 7 ST.

STORE #: 10284

DRAWN BY: NP

PROJECT MANAGER: Zach DePyssler

SALES MANAGER: Linda Bender

DATE: 01-11-16

REVISION HISTORY			
DATE	REV #	DESCRIPTION	INITIALS
01-12-16	1	REVISE PER SCI REVIEW	NP
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02-16-16	4	REVISE PER BKC	LCM

DRAWING TITLE: FSC Details

SCALE: VARIES

ID-16

11 x 17 SIZE FORMAT

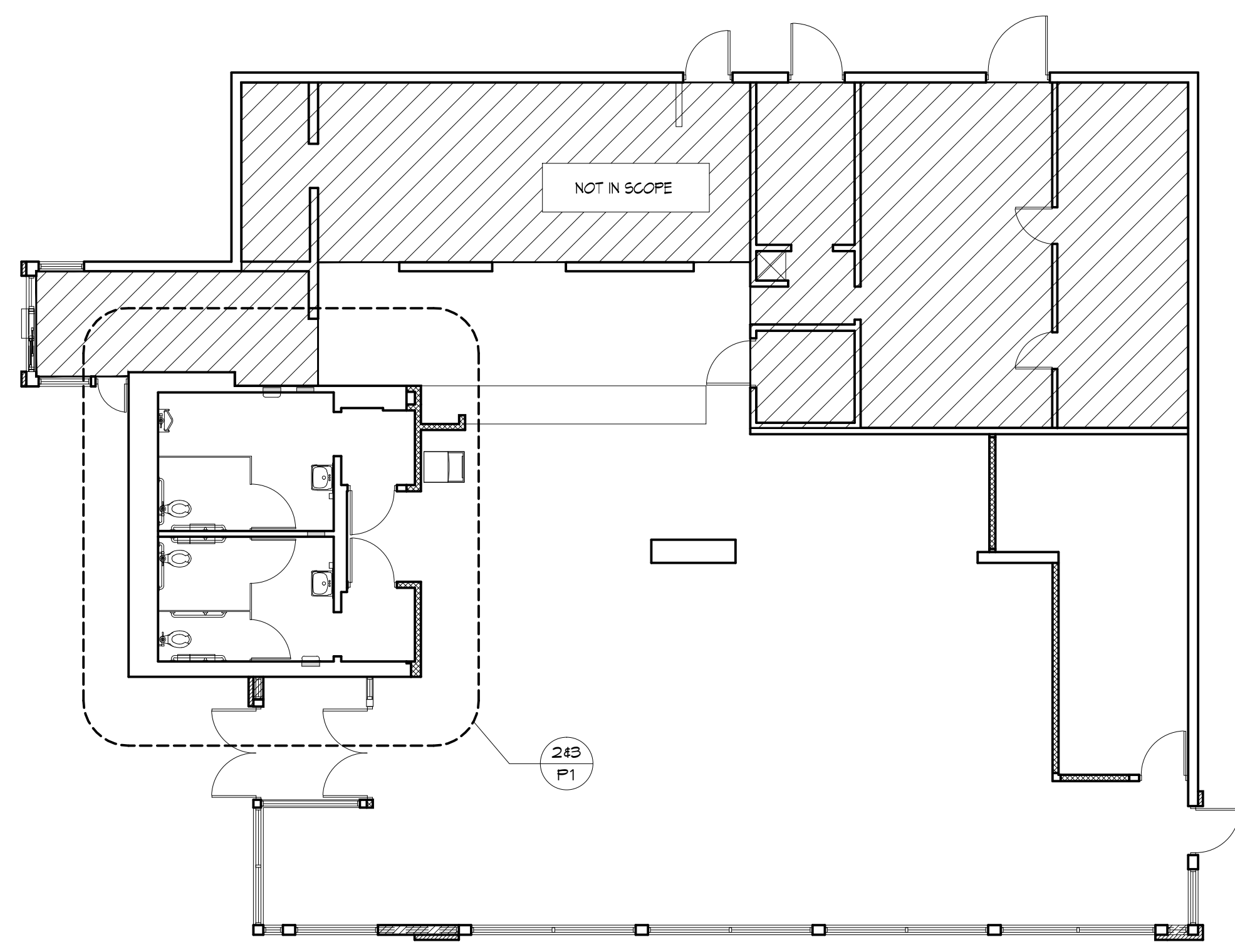
I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
 DATE: _____ REGISTRATION NO. 020694

BURGER KING

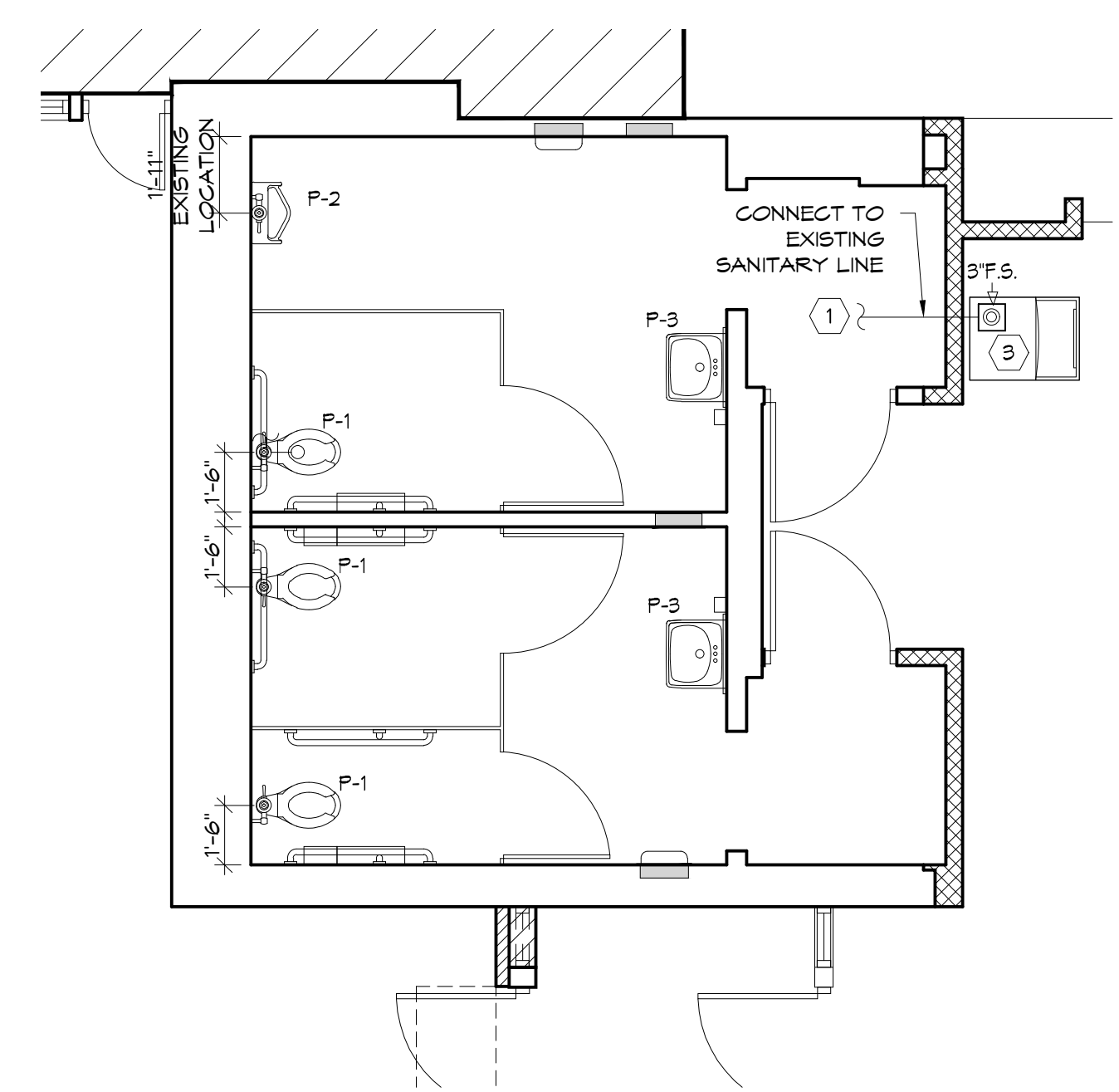
ISSUE DATES / REVISIONS	
4	CONSTRUCTION SET 4-19-16
3	PLAN REVIEW COMMENTS 3-7-16
2	REVIEW REVISION 2-16-16
1	PERMIT SUBMITTAL 2-11-16
NO.	DESCRIPTION DATE:
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DRAWN BY:	J. THORSTENSON
CHECKED BY:	M. JOHNSON
DATE:	12.23.15
PROJECT NO:	15104

BURGER KING STORE #10284
 695 7TH ST. EAST
 ST. PAUL, MN 55106

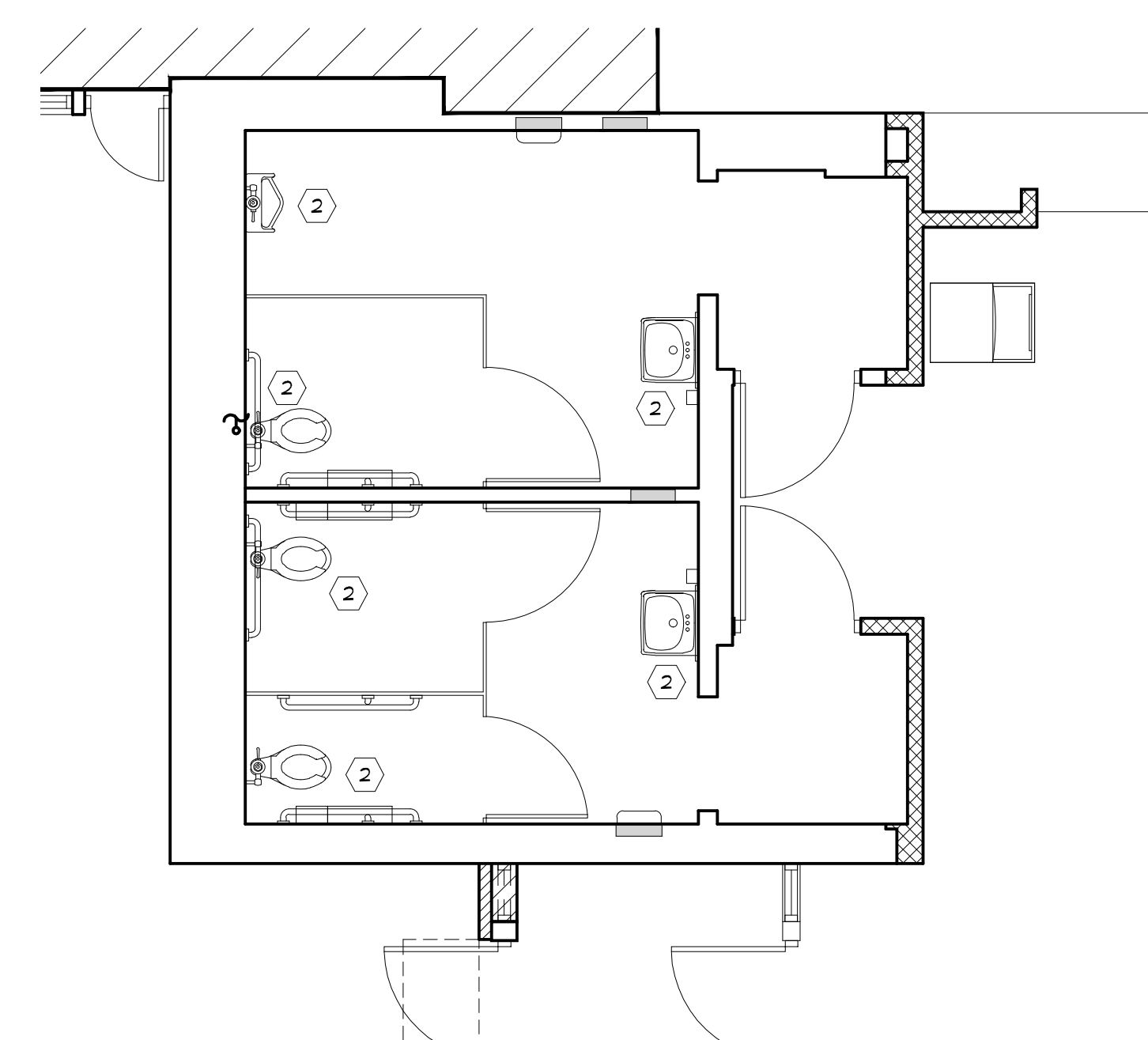
PLUMBING PLANS



1 KEY PLAN
 1/8" = 1'-0"



2 SANITARY PLUMBING PLAN
 1/4" = 1'-0"



3 DOMESTIC WATER PLAN
 1/4" = 1'-0"

- PLUMBING GENERAL NOTES:**
- DO NOT SCALE DRAWINGS
 - ALL HOT AND COLD WATER PIPING LOCATED ABOVE CEILING AREAS BUT BELOW ROOF INSULATION SHALL BE INSULATED WITH 3/4" FIBERGLASS LOW PRESSURE TYPE WITH DUAL TEMPERATURE JACKET. ALL HOT AND COLD WATER PIPING LOCATED OUTSIDE OF BUILDING INSULATION ENVELOPE SHALL BE INSULATED TO THICKNESS SPECIFIED IN INSULATION SCHEDULE SHOWN ON THIS SHEET. ALL UNDERGROUND PIPES LOCATED INSIDE BUILDING TO BE ENGAGED IN FLEXIBLE POLYETHYLENE.
 - LOCATE COLD WATER PIPES IN FURRED OUT SPACES AT TOILET ROOMS (ZONES A AND B ONLY).
 - ALL PIPING SHOWN ON THIS PLAN IS CONCEALED ABOVE THE LAY-IN CEILING, BELOW THE FLOOR AND IN WALLS. EXPOSE PIPING IN SPACE ONLY AT EQUIPMENT AND FIXTURES.
 - PROVIDE SEPARATE SHUT-OFF VALVES FOR ALL EQUIPMENT AND PLUMBING FIXTURES REQUIRING WATER CONNECTIONS.
 - PROVIDE COUPLINGS TO ALL EQUIPMENT AS REQUIRED.
 - PROVIDE APPROPRIATE BACK FLOW PREVENTER AT EQUIPMENT AS REQUIRED BY CODE.
 - PROVIDE WOOD BLOCKING AS REQUIRED FOR FIXTURES AND PIPING. (REFERENCE SHEET A-1)
 - CUTTING AND NOTCHING OF 2x4 BEARING WALL NOT TO EXCEED 7/8". BORED HOLES IN 2x4 BEARING WALLS NOT TO EXCEED 2-1/2".
 - PEX PIPING TO BE USED UNLESS NOT ALLOWED BY LOCAL CODES.
 - FURNISH TUBING AND FITTINGS, AS REQUIRED, FOR ALL FINAL CONNECTIONS.
 - SANITARY WASTE CAST IRON PIPE TO BE USED UNDER SLAB AS REQUIRED BY CODE.
 - RESEAL FLOOR DRAINS ACCORDING TO LOCAL REQUIREMENTS.
 - PROVIDE AIR CHAMBER TYPE WATER HAMMER ARRESTORS OR ACCEPTABLE FACTORY MANUFACTURED SUBSTITUTES AT ALL WATER ROUGH-IN LOCATIONS.
 - FURNISH BURST PROOF BRAIDED FLEXIBLE CONNECTORS FOR FINAL CONNECTIONS TO SINKS AND OTHER EQUIPMENT.

- PLUMBING DEMOLITION NOTES**
- REMOVE ALL UNUSED, ABOVE FLOOR PIPING AND ACCESSORIES AND HANGERS COMPLETELY TO A POINT JUST BEYOND THE DEMISING PARTITIONS - CAP OFF AS INSTRUCTED BY LANDLORD
 - REMOVE UNUSED FLOOR DRAINS FROM SLAB AND PLUG WASTE ROUGH-IN AT A POINT BELOW THE SLAB WITH GAS-TIGHT PLUG. BELOW SLAB WASTE PIPING SHALL BE ABANDONED IN PLACE. TAG ALL ABANDONED PIPING PER LANDLORD'S REQUIREMENTS
 FLOOR PENETRATION SHALL BE PATCHED PER LANDLORD'S REQUIREMENTS AND FINISHED TO RECEIVE NEW FLOOR FINISH
 - REMOVE WASTE ROUGH-IN TO A POINT BELOW THE SLAB AND PLUG WASTE LINE WITH A GAS-TIGHT PLUG. BELOW SLAB WASTE PIPING SHALL BE ABANDONED IN PLACE. TAG ALL ABANDONED PIPING PER LANDLORD'S REQUIREMENTS
 FLOOR PENETRATION SHALL BE PATCHED PER LANDLORD'S REQUIREMENTS AND FINISHED TO RECEIVE NEW FLOOR FINISH
 - REMOVE ALL UNUSED VENT(S)-THRU-ROOF COMPLETELY AND PATCH PER LANDLORD'S REQUIREMENTS

- KEYED NOTES:**
- EXTEND TO MAKE CONNECTION TO EXISTING SANITARY LINE. FIELD VERIFY EXACT LOCATION OF POINT OF CONNECTION PRIOR TO COMMENCING WORK.
 - PROVIDE AND INSTALL NEW PLUMBING FIXTURES AS SPECIFIED IN THE PLUMBING FIXTURE SCHEDULE ON THIS SHEET. SHIFT LOCATION OF EXISTING ROUGH-IN AS REQUIRED TO MEET ACCESSIBLE CLEARANCE AS NOTED.
 - NEW FLOOR SINK. CONNECT TO EXISTING SANITARY LINE.

G.C. PLUMBING NOTE:
 ON DAY (1) OF CONSTRUCTION, G.C. TO JET ALL DRAIN LINES. CAMERA AND IDENTIFY ANY UNDERGROUND ISSUES AND PROVIDE CHANGE ORDER FOR REPAIRS. UPON COMPLETION OF CONSTRUCTION, G.C. TO JET ALL DRAIN LINES. CAMERA AND IDENTIFY ANY UNDERGROUND ISSUES AND PROVIDE CHANGE ORDER FOR REPAIRS.

INSULATION SCHEDULE

ZONE	PIPE SIZE UNDER 1" DIA.	PIPE SIZE OVER 1" DIA.
A/B	4" THICK	3" THICK
C	3" THICK	2" THICK
D/E	3/4" THICK	1" THICK

LEGEND
 LEGEND MAY CONTAIN ITEMS NOT USED IN THIS BUILDING. CONTRACTOR TO VERIFY.

— SANITARY LINE
 - - - V - VENT PIPING
 --- CW - COLD WATER
 --- HW - HOT WATER (120°)
 --- EXISTING PIPING TO BE SHOWN IN A LIGHTER SHADE.

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	MANUFACTURER	MODEL NUMBER	MODEL NAME	VALVE
P-1	WATER CLOSET ADA - NEW	AMERICAN STANDARD	3049.001	MADERA	SLOAN ROYAL #110
		ELJER	091-2175	PATRIOT	ZURN #26000AV-HET 1.256PF
		ZURN	ZS695.001.01.00.00		
P-2	URINAL - ADA	AMERICAN STANDARD	6501.010	WASHEROOK	SLOAN ROYAL #186
		ELJER	161-1030	CORRECTO	
		KOHLER	K-4960-ET	BARDON	
P-3	LAVATORIES	ZURN	ZS914.550.1.12.215		KOHLER K-15598 FAUCET
		KOHLER	K-2054	SOHO	ZURN #1440-XL FAUCET

NOTES:
 1. COMPARABLE FIXTURES BY AMERICAN STANDARD, ELJER AND KOHLER ARE ACCEPTABLE
 2. TOILET SEATS TO BE CHURCH #50055, KOHLER K-4671-C, OLSONITE #100 OR EQUAL
 3. IN SINGLE USE RESTROOMS ALL FIXTURES MUST BE ADA COMPLIANT.

PLUMBING SPECIFICATIONS

NOTE! MANUFACTURERS' NAMES ON WHICH THIS SPECIFICATION IS BASED INDICATE THE MINIMUM QUALITY OF PRODUCT REQUIRED. SUBSTITUTION MAY BE MADE TO THOSE SPECIFIED IF DEEMED EQUIVALENT BY THE OWNER'S REPRESENTATIVE. ALL WORK AND PRODUCTS SHALL MEET THE REQUIREMENTS OF THE OWNER.

- ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH ALL APPLICABLE CODES AND THE OWNER'S MINIMUM REQUIREMENTS AS STATED HEREIN, OR OTHERWISE INDICATED BY THE OWNER.
- SEE ARCHITECTURAL GENERAL AND SPECIAL CONDITIONS. CONDITION REQUIREMENTS SHALL APPLY UNLESS OTHERWISE NOTED.
- ALL WORK SHALL BE PERFORMED AS INDICATED ON DRAWINGS UNLESS FIELD CONDITIONS REQUIRE MINOR CHANGES BE MADE. MINOR CHANGES SHALL BE MADE WITH NO ADDITIONAL COST.
- ALL WORK SHALL BE GUARANTEED FOR ONE YEAR AFTER ACCEPTANCE OF THE WORK BY OWNER.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING HIS BID. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS.

ACTUAL LOCATIONS OF EXISTING SERVICE STUBS MUST BE FIELD VERIFIED. CHANGES TO CONFORM TO ACTUAL POINTS-OF-CONNECTION SHALL BE MADE AT NO ADDITIONAL COST.

- CONTRACTOR SHALL PREPARE AND SUBMIT AS-BUILT DRAWINGS TO OWNER AND ENGINEER. AS-BUILT DRAWINGS SHALL INDICATE ACTUAL MANUFACTURER OF THE EQUIPMENT INSTALLED, THE EXACT LOCATION OF EQUIPMENT AND THE ACTUAL CAPACITY.
- EQUIPMENT, FIXTURES, AND ACCESSORIES SHALL NOT BE SUPPORTED FROM CEILING, SOFFIT, PIPING, DUCTWORK, METAL ROOF DECK, LATERAL BRACINGS, BRIDGINS, OR OR CONDUIT. ITEMS SHALL ONLY BE SUPPORTED FROM STRUCTURE WHICH HAS BEEN APPROVED BY THE ARCHITECT.
- ALL ROOF WORK, PENETRATIONS, AND REPAIRS SHALL BE TOTALLY PERFORMED BY ONLY THOSE ROOFING CONTRACTORS APPROVED BY THE OWNER AND GENERAL CONTRACTOR.
- DEFICIENCIES AND NON-CONFORMING ITEMS SHALL BE CORRECTED BY THE CONTRACTOR. FAILURE TO CORRECT SUCH ITEMS SHALL PERMIT THE OWNER TO CORRECT SAME AT A COST TO THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL PERMITS AND PAYING FOR SAME. HE SHALL INCLUDE IN HIS BID CHARGES FOR ALL FEES ASSOCIATED WITH THE CONSTRUCTION OF THE SPACE INCLUDING BUT NOT LIMITED TO LOCAL, COUNTY, OR STATE SERVICE CHARGES AND PERMIT FEES, AND LANDLORD'S UTILITY, AND/OR EQUIPMENT CHARGES.

11. SCOPE OF WORK:

FURNISH ALL LABOR, MATERIALS, SUPPLIES, EQUIPMENT, AND FEES REQUIRED TO COMPLETELY INSTALL, TEST AND PLACE THE SPECIFIED EQUIPMENT, COMPONENTS, CONTROLS AND SYSTEMS IN SERVICE.

SOIL, WASTE AND VENT SYSTEM

DOMESTIC WATER SYSTEM

DOMESTIC WATER HEATER

PLUMBING FIXTURES AND TRIM

MISCELLANEOUS STEEL WORK, FLOOR AND WALL SLEEVES, SLOTS AND INSERTS, PLATES, SUPPORTS AND HANGERS

ALL OTHER PLUMBING ITEMS INDICATED ON THE DRAWINGS, SPECIFIED HEREIN, OR NEEDED FOR A COMPLETE AND FUNCTIONAL PLUMBING INSTALLATION IN ACCORDANCE WITH ALL PERTINENT CODES AND REGULATIONS.

CLEANING AND TESTING OF ALL SYSTEMS

WARRANTY OF ALL WORK FOR A PERIOD OF ONE YEAR

12. MATERIALS:

12.1 SANITARY DRAIN, WASTE, AND VENT SHALL BE:

SOIL AND WASTE, UNDERFLOOR - SERVICE WEIGHT CAST IRON, HUB AND SPIGOT SOIL PIPE AND FITTINGS, COATED INSIDE AND OUT.

SOIL, WASTE, AND VENT, ABOVE FLOOR - HUBLESS CAST IRON PIPE AND FITTINGS, COATED INSIDE AND OUT. NO PVC ALLOWED.

12.2 DOMESTIC WATER PIPING SHALL BE:

UNDERGROUND: TYPE K COPPER, HARD DRAWN

ABOVE GROUND: TYPE L COPPER, HARD DRAWN TYPE M COPPER MAY BE USED WHERE APPROVED BY OWNER AND ENGINEER AND ALLOWED BY ALL AUTHORITIES HAVING JURISDICTION.

12.3 INSULATION:

INSULATE ALL DOMESTIC WATER PIPING AND ALL HORIZONTAL WASTE PIPING ABOVE CEILING.

DOMESTIC WATER PIPING SHALL BE COVERED WITH 1/2" THICK GLASSFIBER COLD WATER PIPE INSULATION WITH VAPOR BARRIER AND ALL SERVICE JACKET.

CONTRACTOR MAY PROVIDE PRE-FORMED PIPE INSULATION OF CLOSED CELL ELASTOMERIC FOAM. HORIZONTAL WASTE PIPING SHALL BE COVERED WITH 1" THICK GLASSFIBER INSULATION WITH VAPOR BARRIER AND ALL SERVICE JACKET.

GLASSFIBER INSULATION SHALL BE OF THE TYPE HAVING A 4.0 LB DENSITY AND A K-FACTOR OF 0.25.

ALL EXPOSED AND CONCEALED INSULATED PIPING TO HAVE AN ALL-SERVICE JACKET SIMILAR TO OWENS-CORNING FIBERGLASS ASJ25 WITH SELF SEALING LAP AND JOINT SEALING STRIPS.

12.4 WATERHAMMER ARRESTORS SHALL BE PROVIDED ON ALL HOT AND COLD WATER LINES, AT INDIVIDUAL FIXTURES, AND OTHER SUCH LOCATIONS TO BRING WATER SYSTEM IN CONFORMANCE WITH PLUMBING AND DRAINAGE INSTITUTE STANDARDS.

IN LIEU OF MANUFACTURED WATERHAMMER ARRESTORS, CONTRACTOR MAY PROVIDE 12" HIGH AIR CHAMBERS.

13. EXECUTION

13.1 PIPING INSTALLATION:

EXCEPT AS OTHERWISE INDICATED, PROVIDE FACTORY-FABRICATED HANGER & SUPPORTS COMPLYING WITH MSS SP-58. HANGERS AND SUPPORTS SELECTED BY INSTALLER TO SUIT FIELD CONDITIONS SHALL COMPLY WITH MANUFACTURERS' PUBLISHED PRODUCT INFORMATION.

PIPE TO BE SUPPORTED SECURELY FROM HANGERS AS FOLLOWS:

PIPE HANGERS TO BE SUPPORTED FROM STRUCTURAL STEEL BEAMS BY MEANS OF BEAM CLAMPS. HANGERS ARE NOT TO BE SUPPORTED FROM STEEL FLOOR AND/OR ROOF DECKING.

CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF ANY REQUIRED AUXILIARY STEEL FOR SUPPORT OF HANGERS.

DRAIN, WASTE AND VENT

CAST IRON PIPE MUST HAVE HANGERS THAT ARE 10 FEET ON CENTER MAXIMUM, WITH A MINIMUM OF ONE HANGER FOR EACH SECTION OF PIPE, AND AT CHANGES IN DIRECTION.

THE BASE OF EACH RISER OR STACK SHALL BE SUPPORTED AT EACH FLOOR AND AT THE ROOF, IF APPROPRIATE.

ALL HORIZONTAL DRAINAGE AND VENT PIPING SHALL BE RUN AT A MINIMUM OF 1/8" PER LINEAR FOOT.

CHANGES IN DIRECTION OR SIZE OF DRAINAGE PIPING SHALL BE MADE WITH APPROPRIATE FITTINGS HAVING LONG RADIUS.

SLIP JOINT FITTINGS WILL BE PERMITTED ONLY ON TRAP CONNECTIONS.

DOMESTIC WATER PIPING

HORIZONTAL PIPING SHALL BE SUPPORTED FROM STRUCTURE ABOVE AS REQUIRED BY LOCAL PLUMBING CODE, OR AT A MINIMUM AS FOLLOWS:

1/2" COPPER TUBE - 5'-0"
3/4" & 1" COPPER TUBE - 6'-0"

WATER LINES SHALL RUN PARALLEL OR PERPENDICULAR TO THE LINES OF THE BUILDING.

PROVIDE FITTINGS AT EACH CHANGE IN DIRECTION OR CHANGE IN PIPE SIZE.

PROPER ALLOWANCE SHALL BE MADE FOR EXPANSION, AND ALL BRANCHES SHALL BE BLOCKED AS MAY BE NECESSARY TO PREVENT NOISE OR VIBRATION. HOT WATER PIPE SHALL BE PROVIDED WITH PROPERLY CONSTRUCTED SWING JOINT OR EXPANSION LOOP AS REQUIRED.

PROVIDE SHUT OFF VALVE AT CONNECTION TO EACH FIXTURE.

13.2 FLOOR DRAINS, INSTALLED ABOVE GRADE, SHALL BE FLASHED WITH 6 LB. SHEET LEAD (AS DIRECTED BY THE LANDLORD) CLAMPED UNDER FLASHING RING, EXTENDING 18" FROM DRAIN IN ALL DIRECTIONS.

ALL DRAINS SHALL BE PROVIDED WITH DEEP SEAL TRAP.

13.3 THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED TO PERFORM HIS WORK. STATED CUTTING AND PATCHING SHALL CONFORM TO RELEVANT "GENERAL CONDITIONS" SPECIFICATIONS.

13.4 IF REQUIRED, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION AND BACKFILL OF TRENCHES AND ANY CONCRETE SLAB REPLACEMENT.

13.5 FLASH VENT PIPES PASSING THROUGH ROOF WITH LEAD ROOF FLASHING CONSTRUCTED OF NUMBER 4 SHEET LEAD, WITH BASE EXTENDING NO THAN 12 INCHES ON EACH SIDE OF VENT. THE VERTICAL PORTION OF FLASHING SHALL EXTEND UPWARD THE ENTIRE LENGTH OF THE PIPE AND BE TURNED DOWN INSIDE THE PIPE.

MINIMUM VENT THRU THE ROOF SHALL BE 4".

13.6 THIS CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE OWNER AND/OR THE LOCAL UTILITY FOR INSTALLATION OF REQUIRED WATER METER. THIS INCLUDES PURCHASE OF REQUIRED METER, AND INSTALLATION OF SAME IN LOCATION DESIGNATED BY THE OWNER/ARCHITECT.

THIS CONTRACTOR SHALL EXTEND DOMESTIC WATER LINE FROM METER LOCATION TO THE LEASED PREMISES.

THIS CONTRACTOR SHALL PAY ALL FEES REQUIRED, FOR INSTALLATION OF WATER SERVICE AND METER.

CONTRACTOR SHALL TEST ALL SYSTEMS INSTALLED.

14.1 DOMESTIC WATER PIPING SHALL BE TESTED AT 100 PSI. PRESSURE SHALL BE MAINTAINED FOR PERIOD OF ONE HOUR. IF LEAKS APPEAR LINES SHALL BE DRAINED AND REPAIRED AND RETESTED.

14.2 SOIL WASTE AND VENT PIPING SHALL BE TESTED WITH WATER. THE WATER SHALL MAINTAIN A CONSTANT LEVEL AT THE HIGHEST POINT OR AT LEAST TEN FEET ABOVE THE MEAN ELEVATION OF THE PIPING UNDER TEST FOR AT LEAST 4 HOURS. IF LEAKS APPEAR, LINES SHALL BE DRAINED, LEAKS REPAIRED AND RETESTED.

15. DOMESTIC WATER SYSTEMS SHALL BE CHLORINATED IN ACCORDANCE WITH RECOGNIZED INDUSTRY STANDARDS. AFTER CHLORINATION, THE SYSTEM SHALL BE FLUSHED AND PUT INTO SERVICE.

16. MATERIALS, EQUIPMENT, AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR FROM THAT PERIOD SHALL BE CORRECTED AT THIS CONTRACTOR'S EXPENSE.

FOR THE SAME PERIOD, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE PREMISES CAUSED BY DEFECTS IN WORKMANSHIP OR IN THE WORK OR EQUIPMENT FURNISHED AND/OR INSTALLED BY HIM.

WARREN JOHNSON ARCHITECTS, INC.

19 N. GREELEY STREET
PALATINE, ILLINOIS 60067

TEL. 847.359.9616
FAX 847.359.9641

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE: _____ REGISTRATION NO. 020694

BURGER KING



ISSUE DATES / REVISIONS

NO.	DESCRIPTION	DATE:
4	CONSTRUCTION SET	4-19-16
3	PLAN REVIEW COMMENTS	3-7-16
2	REVIEW REVISION	2-16-16
1	PERMIT SUBMITTAL	2-11-16

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DRAWN BY: J. THORSTENSON
CHECKED BY: M. JOHNSON
DATE: 12.23.15
PROJECT NO: 15104

BURGER KING
STORE #10284
695 7TH ST. EAST
ST. PAUL, MN 55106

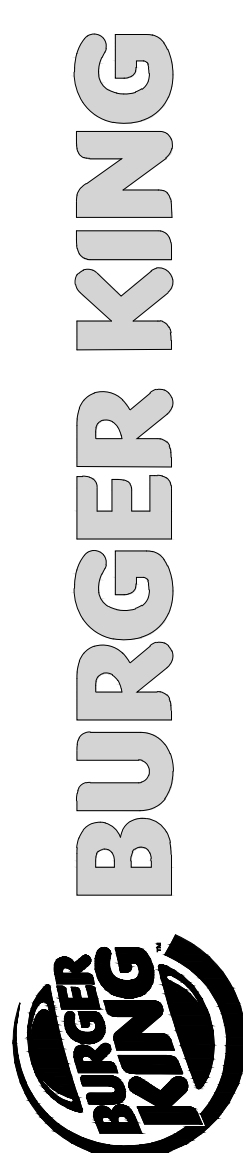
PLUMBING SPECS

SHEET

P-2

TWO OF TWO

I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.
 DATE: _____ REGISTRATION NO. 020694



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BURGER KING STORE #10284
 695 7TH ST. EAST
 ST. PAUL, MN 55106

ELECTRICAL POWER PLAN

PANELBOARD SCHEDULE

DESIGNATION: EXISTING PANEL M MAIN BKR: 200A
 VOLTAGE: 120/208V BUS SIZE: 200A
 PHASE: 3PH, 4W MOUNTING: RECESSED (EXISTING)

CKT	DESCRIPTION	BKR	BKR	DESCRIPTION	CKT
1					2
3	WALK IN FREEZER/COOLER	100/3	70/3	WALK IN COOLER/FREEZER	4
5					6
7					8
9	RUT#1	30/3	40/3	RTU KITCHEN	10
11					12
13					14
15	FRY EXHAUST FAN	40/3	20/1	EQUIP	16
17					18
19					20
21	HOODS	40/3	20/1	SPARE	22
23					24
25	RECEP IN WALK IN	20/1	20/1	SPARE	26
27					28
29					30
31					32
33					34
35					36
37					38
39					40
41					42

PANELBOARD SCHEDULE

DESIGNATION: EXISTING PANEL C MAIN BKR: 200A
 VOLTAGE: 120/208V BUS SIZE: 200A
 PHASE: 3PH, 4W MOUNTING: RECESSED (EXISTING)

CKT	DESCRIPTION	BKR	BKR	DESCRIPTION	CKT
1	KITCHEN RECEPTACLES	20/1	20/1	RECEPT	2
3	KITCHEN RECEPTACLES	20/1	20/1	RECEPT	4
5	KITCHEN RECEPTACLES	20/1	20/1	RECEPT	6
7					8
9	COFFEE BREAKER	40/3	20/1	CO2 PUMP	10
11					12
13	COFFEE MAKER	20/1	20/1	RECEPT	14
15	COFFEE MAKER	20/1	20/1	RECEPT	16
17	BEVERAGE TOWER	20/1	20/1	SPEC FREEZER	18
19	RECEPT NW CORNER OF FRY HOOD	20/1	30/1	INFINITY COUNTER	20
21					22
23	HOLDING BIN	20/2	30/1	SPARE	24
25					26
27	EGG COOKER	20/2	20/1	PASS THRU	28
29					30
31	INTERIOR NEON LIGHTS	20/1	30/2	ICE MACHINE	32
33	SOFFIT LIGHTS	20/1	30/1	COFFEE LIGHTS	34
35	BURGER KING LETTERS	20/1	20/1	SOFFIT LIGHTS	36
37	SOFFIT LIGHTS	20/1	20/1	BK LETTERS	38
39					40
41	MICRO RECEPT	20/2	20/2	SMOOTHIE STATION	42

PANELBOARD SCHEDULE

DESIGNATION: EXISTING PANEL B MAIN BKR: 200A
 VOLTAGE: 120/208V BUS SIZE: 200A
 PHASE: 3PH, 4W MOUNTING: RECESSED (EXISTING)

CKT	DESCRIPTION	BKR	BKR	DESCRIPTION	CKT
1					2
3	SHAKE MACHINE	30/3	20/1	MENS ROOM HD	4
5					6
7	SPARE	20/1	20/1	ROOF LIGHTS	8
9	BROILER	30/2	20/1	ROOF LIGHTS	10
11					12
13					14
15	BLODGEN OVEN	30/3	20/2	SHAKE MACHINE	16
17	SPARE	20/1	20/1	MENU BOARD	18
19	BROILER	40/1	20/1	MENU BOARD	20
21	FRYER	20/1	20/2	EQUIPMENT	22
23					24
25	EXHAUST HOOD	20/2	20/1	CONTROL BOX FOR EXHAUST FANS	26
27					28
29	KITCHEN PLUG	20/1	20/3	EQUIP	30
31	SPARE	15/1			32
33	15 A FRYER	15/1			34
35	FRYER DUMP	20/1	20/3	EQUIP	36
37					38
39	SHAKE MACHINE	30/3	20/2	EQUIP	40
41					42

PANELBOARD SCHEDULE

DESIGNATION: EXISTING PANEL MDP MAIN BKR: 800A
 VOLTAGE: 120/208V BUS SIZE: 800A
 PHASE: 3PH, 4W MOUNTING: RECESSED (EXISTING)

CKT	DESCRIPTION	BKR
1	PANEL A	3/100
2	PANEL B	3/200
3	PANEL C	3/200
4	PANEL M	3/200
5	CHEFS TABLE	3/400

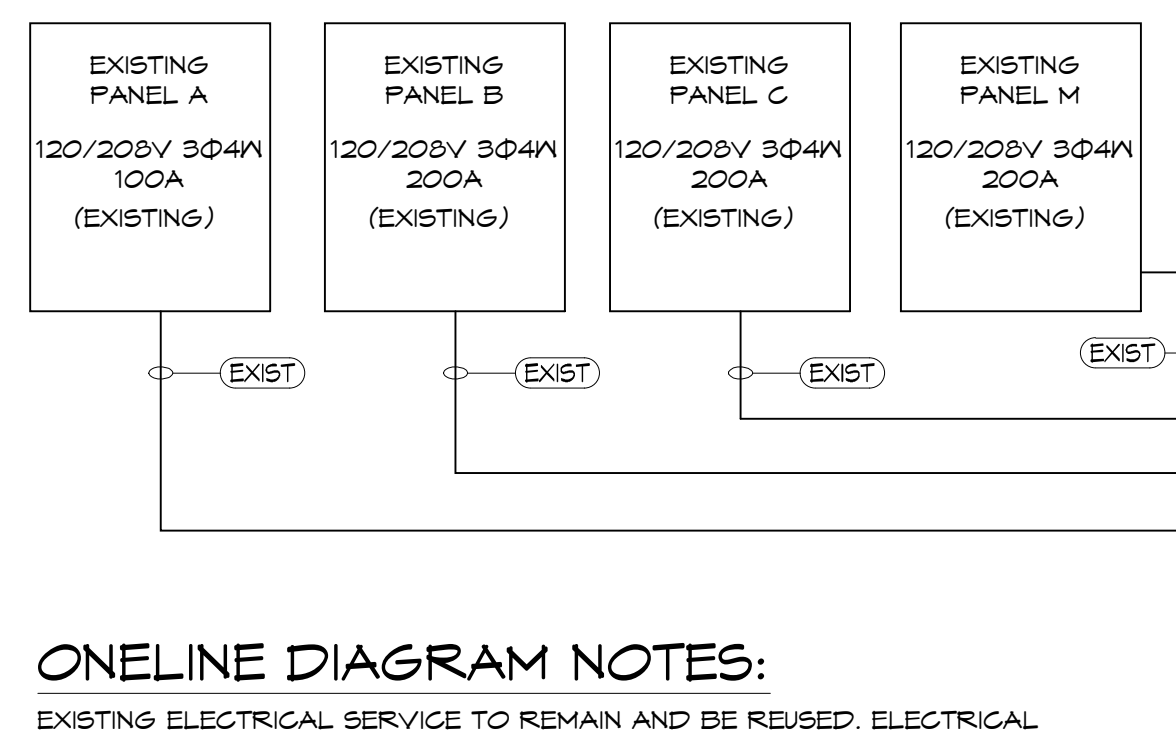
PANELBOARD SCHEDULE

DESIGNATION: EXISTING PANEL A MAIN BKR: 100A
 VOLTAGE: 120/208V BUS SIZE: 100A
 PHASE: 3PH, 4W MOUNTING: RECESSED (EXISTING)

CKT	DESCRIPTION	BKR	BKR	DESCRIPTION	CKT
1	SWITCH 1	20/1	20/2	PARKING LOT LIGHTS	2
3	BATH LIGHTS	20/1			4
5	SWITCH 3	20/1	20/2	PARKING LOT LIGHTS	6
7	SWITCH 4	20/1			8
9	SWITCH 5	20/1	20/1	PRIME SIGN	10
11	SWITCH 6	20/1	20/1	PRIME SIGN	12
13	SWITCH 7	20/1	20/1	DIRECTIONAL SIGN	14
15	INTERNAL MENU BRD	20/1	20/1	SPARE	16
17	RECEPTACLES	20/1	20/1	DIRECTIONAL SIGN	18
19	RECEPTACLES	20/1	20/1	MENU BOARD	20
21	RECEPTACLES OFFICE	20/1	20/1	LIGHTING CONTACTOR	22
23	SPARE	20/1	20/1	POS RECEPTACLE	24
25	SPARE	20/1	20/1	EMERGENCY LIGHTS	26
27	SPARE	20/1	20/1	RECEPTACLE	28

WIRE SIZING SCHEDULE

BREAKER	WIRE SIZE	GROUND	CONDUIT	BREAKER	WIRE SIZE	GROUND	CONDUIT
20A-1P	(2) #12	#12	3/4"	60A-2P	(3) #4	#10	1"
20A-2P	(3) #12	#12	3/4"	60A-3P	(4) #4	#10	1-1/4"
20A-3P	(4) #12	#12	3/4"	70A-3P	(4) #4	#8	1-1/4"
30A-1P	(2) #10	#10	3/4"	80A-3P	(4) #3	#8	1-1/4"
30A-2P	(3) #10	#10	3/4"	90A-3P	(4) #2	#8	1-1/4"
30A-3P	(4) #10	#10	3/4"	100A-3P	(4) #2	#8	1-1/4"
40A-2P	(3) #8	#10	3/4"	125A-3P	(4) #1	#6	1-1/2"
40A-3P	(4) #8	#10	1"	150A-3P	(4) #1/0	#6	2"
50A-2P	(3) #6	#10	1"	200A-3P	(4) #3/0	#6	2"
50A-3P	(4) #6	#10	1"				



ONELINE DIAGRAM NOTES:
 EXISTING ELECTRICAL SERVICE TO REMAIN AND BE REUSED. ELECTRICAL CONTRACTOR TO VERIFY ALL COMPONENTS OF ELECTRICAL SERVICE ARE IN GOOD WORKING ORDER AND UP TO CURRENT CODE.

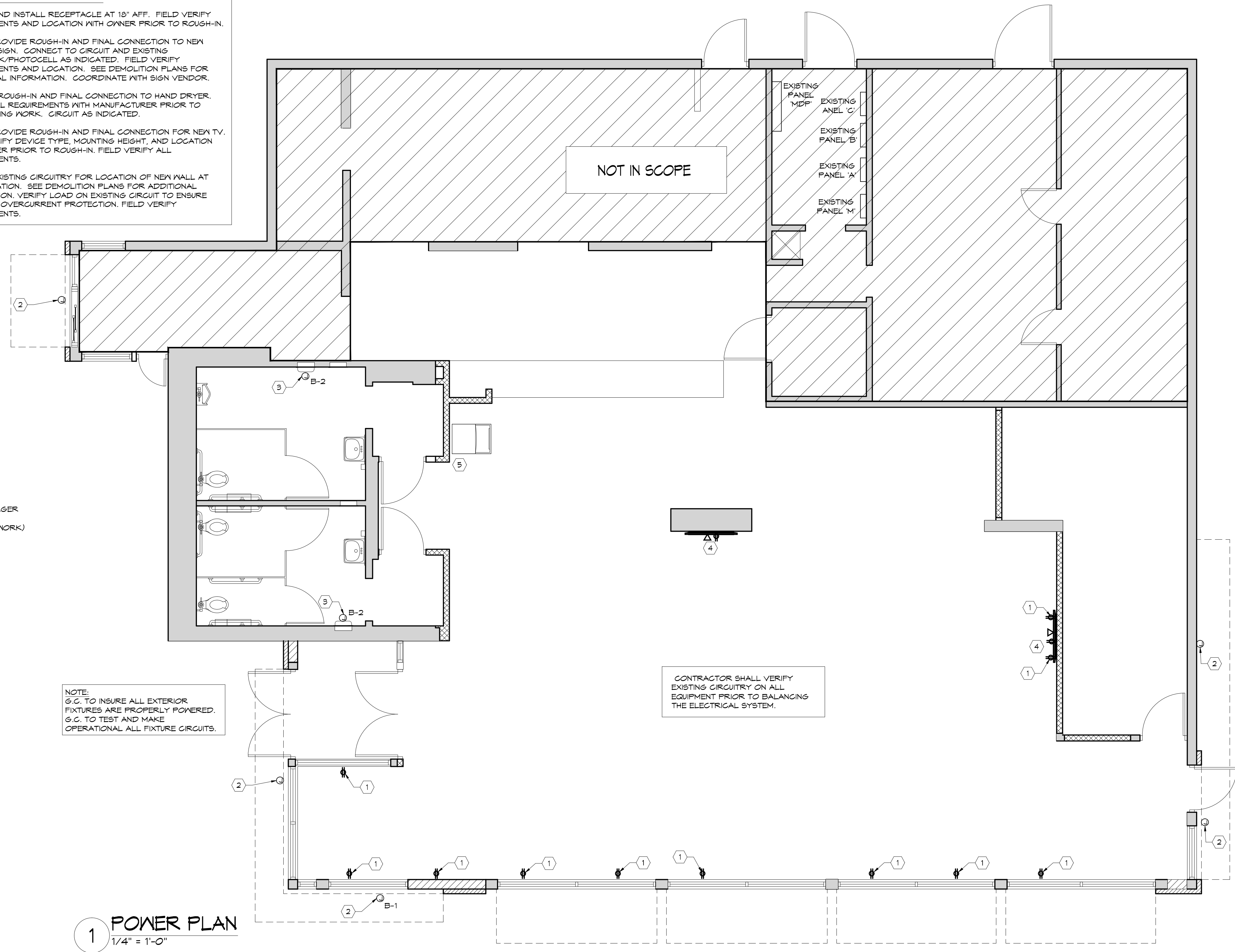
ONE-LINE DIAGRAM
 SCALE: NTS

SYMBOL LEGEND

DETAIL	DESCRIPTION
⊖	DUPLEX 125V-20A STRAIGHT BLADE RECEPTACLE OUTLET - WALL MTD. (18" A.F.F., - U.O.N.)
▽	CABLE TV OUTLET - WALL MTD. (FIELD VERIFY MOUNTING HEIGHT)
U.O.N.	UNLESS OTHERWISE NOTED

CONTRACTOR SHALL VERIFY CIRCUIT NUMBER FOR NEW ITEMS IS AN EXISTING SPARE. IF NOT, USE AVAILABLE SPARE IN PANEL INDICATED AND MAINTAIN PANEL PHASE BALANCE WITHIN 10%.

- ### KEYED NOTES:
- FURNISH AND INSTALL RECEPTACLE AT 18" AFF. FIELD VERIFY REQUIREMENTS AND LOCATION WITH OWNER PRIOR TO ROUGH-IN.
 - E.G. TO PROVIDE ROUGH-IN AND FINAL CONNECTION TO NEW BUILDING SIGN. CONNECT TO CIRCUIT AND EXISTING TIMELOCK/PHOTOCELL AS INDICATED. FIELD VERIFY REQUIREMENTS AND LOCATION. SEE DEMOLITION PLANS FOR ADDITIONAL INFORMATION. COORDINATE WITH SIGN VENDOR.
 - PROVIDE ROUGH-IN AND FINAL CONNECTION TO HAND DRYER. VERIFY ALL REQUIREMENTS WITH MANUFACTURER PRIOR TO COMMENCING WORK. CIRCUIT AS INDICATED.
 - E.G. TO PROVIDE ROUGH-IN AND FINAL CONNECTION FOR NEW TV. FIELD VERIFY DEVICE TYPE, MOUNTING HEIGHT, AND LOCATION WITH OWNER PRIOR TO ROUGH-IN. FIELD VERIFY ALL REQUIREMENTS.
 - EXTEND EXISTING CIRCUITRY FOR LOCATION OF NEW WALL AT DRINK STATION. SEE DEMOLITION PLANS FOR ADDITIONAL INFORMATION. VERIFY LOAD ON EXISTING CIRCUIT TO ENSURE CORRECT OVERCURRENT PROTECTION. FIELD VERIFY REQUIREMENTS.

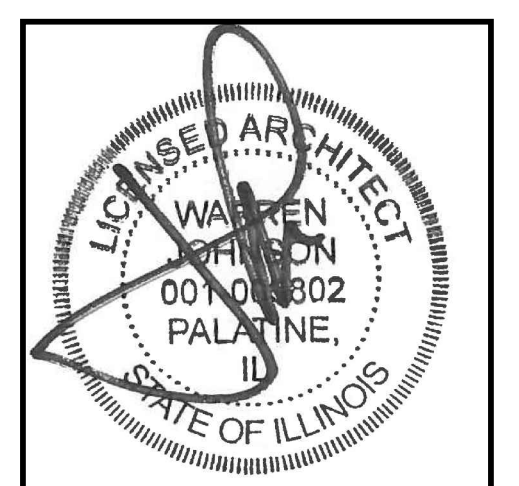


1 POWER PLAN
 1/4" = 1'-0"

ELECTRICAL SPECIFICATIONS

- THE GENERAL CONDITIONS AND SUPPLEMENTARY GENERAL CONDITIONS SHALL BE CONSIDERED AS PART OF THIS SPECIFICATION.
- ALL WORK TO BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE LOCAL AUTHORITIES HAVING JURISDICTION AND THE 2009 EDITION OF THE NATIONAL ELECTRIC CODE.
- FURNISH ALL MATERIALS, EQUIPMENT, LABOR, & SERVICES REQUIRED FOR THE INSTALLATION OF ALL ELECTRICAL WORK & AS REQUIRED TO PROVIDE A COMPLETE & OPERABLE ELECTRICAL SYSTEM AS INDICATED ON THE DRAWINGS.
MATERIALS SHALL BE NEW & MANUFACTURERS NAME PRINTED THEREON & UNDERWRITERS LABORATORY LISTED. THE SELECTION OF MATERIALS SHALL BE IN STRICT ACCORDANCE WITH GENERAL CONDITIONS AND/OR SPECIFICATIONS. SELECTION OF MATERIALS SHALL BE IN STRICT ACCORDANCE WITH THE DRAWINGS AND/OR SPECIFICATIONS.
- SUBMIT MATERIAL LISTS AND SHOP DRAWINGS FOR MAJOR EQUIPMENT TO THE OWNER'S REPRESENTATIVE FOR REVIEW. SUBMITTALS SHALL BE IN ACCORDANCE WITH GENERAL CONDITIONS AND SHALL BEAR THE STAMP OF THE ELECTRICAL CONTRACTOR SHOWING THAT HE HAS REVIEWED AND APPROVED THEM. LACK OF SUCH CONTRACTOR'S APPROVAL WILL BE CAUSE FOR REJECTION WITHOUT REVIEW BY THE OWNER.
- CONTRACTOR SHALL GUARANTEE WORK INSTALLED UNDER THE CONTRACT TO BE FREE FROM DEFECTIVE WORKMANSHIP & MATERIALS, USUAL WEAR ENCEPTED. & SHOULD ANY SUCH DEFECTS DEVELOP IN A PERIOD OF ONE YEAR ACCEPTANCE OF THE BLDG. BY THE YEAR, THIS CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DEFECTIVE ITEMS & DAMAGE RESULTING FROM FAILURE OF THESE ITEMS, AT NO EXPENSE TO THE OWNER.
- INCIDENTAL ITEMS NOT INDICATED ON THE DRAWINGS, NOR MENTIONED IN THE SPECIFICATIONS, THAT CAN BE LEGITIMATELY & REASONABLE BE INFERRED TO BELONG TO THE WORK DESCRIBED OR BE NECESSARY IN GOOD PRACTICE TO PROVIDE A COMPLETE SYSTEM, SHALL BE FURNISHED & INSTALLED AS THOUGH ITEMIZED HEREIN IN EVERY DETAIL.
- NOTIFY ARCHITECT IMMEDIATELY OF POSSIBLE CONFLICTS WITH STRUCTURE, MECHANICAL, OR OTHER FEATURES. WHERE JOB CONDITIONS REQUIRE REASONABLE CHANGES IN LOCATIONS & ARRANGEMENT OF INDICATED EQUIP, CONDUIT, OUTLETS, OR WIRING, CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT COST TO OWNER.
- CONTRACTOR SHALL FILE PLANS WITH AND OBTAIN APPROVALS FROM MUNICIPAL AGENCIES. ALL PERMITS AND CERTIFICATES OF INSPECTION SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR. PERTINENT CERTIFICATES SHALL BE DELIVERED TO THE OWNER'S REPRESENTATIVE, PRIOR TO FINAL BILLING.
ANY FEES ASSOCIATED WITH CONSTRUCTION AND INSPECTION SHALL BE BORNE BY THE CONTRACTOR IN ORDER TO DELIVER TO THE OWNER A FINISHED BUILDING, READY FOR OCCUPANCY AND 100% OPERATION.
- CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS.
HE SHALL CAREFULLY EXAMINE THE EXISTING CONDITIONS AND LIMITATIONS THEREOF. HE SHALL ASCERTAIN CONDITIONS UNDER WHICH THE WORK MUST BE PERFORMED, INCLUDING THE HANDLING OF MATERIALS, SECURITY AND LIMITING FIELD DIMENSIONS. FURTHER, THIS CONTRACTOR SHALL PROVIDE FIELD VERIFICATION OF LOCATION OF POINTS OF CONNECTION TO LANDLORD'S ELECTRICAL AND TELEPHONE EQUIPMENT AND DISTANCE FROM LEASED SPACE.
ANY DISCREPANCIES WITH THE CONSTRUCTION DOCUMENTS DISCOVERED AS A RESULT OF THE AFORESAID FIELD SURVEY, SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE, PRIOR TO COMMENCING ANY WORK. ANY ADDITIONAL COSTS RESULTING FROM CONTRACTOR'S FAILURE TO DO SO SHALL BE HIS RESPONSIBILITY AND SHALL BE BORNE BY HIM.
- ANY DEVIATION FROM PLANS WITHOUT PRIOR APPROVAL OF THE ARCHITECT SHALL BE CAUSE FOR THE REJECTION OF MATERIALS AND/OR METHODS, AND ANY COST INCURRED TO CORRECT SUCH DEVIATION TO THE SATISFACTION OF THE A/E SHALL BE BORNE BY THE CONTRACTOR.
- THE SUBMISSION OF A PROPOSAL SHALL BE CONSIDERED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF WITH THE PLANS AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL FOR MATERIALS AND LABOR, BECAUSE OF DIFFICULTIES ENCOUNTERED, WILL NOT BE RECOGNIZED IF THEY COULD HAVE BEEN FORESEEN HAD PROPER EXAMINATION BEEN MADE.
- ANY COSTS INCURRED DUE TO LACK OF COOPERATION AMONG THE TRADES SHALL BE BORNE BY THE CONTRACTOR.
- CONTRACTOR SHALL SUBMIT 6 COPIES OF SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR APPROVAL FOR ALL EQUIPMENT AND DEVICES INSTALLED. THERE WILL BE NO DRAWN UNTIL SHOP DRNGS. HAVE BEEN SUBMITTED & REVIEWED BY ARCH/ENGR.
- THE EQUIPMENT ROUGH-INS AS SHOWN ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, IN SOME INSTANCES, THE OWNER OR SUPPLIER MAY SUBSTITUTE OR THE EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.
- PLAN & INSTALL WORK IN SUCH A MANNER AS TO CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, & KEEP OPENINGS & PASSAGeways CLEAR.
- ELECTRICAL CONTRACTOR SHALL RECORD ALL FIELD CHANGES IN HIS WORK AS THE JOB PROGRESSES; AN ACCURATE RECORD OF ALL WORK AS ACTUALLY INSTALLED.
UPON COMPLETION OF THE WORK AND BEFORE FINAL PAYMENT IS AUTHORIZED, SHALL TURN OVER TO THE OWNER'S REPRESENTATIVE A RECORD SET OF PRINTS SHOWING THESE CHANGES.
- THIS CONTRACTOR SHALL DO ALL CUTTING, CHASING, OR CHANNELING AND PATCHING REQUIRED FOR ANY WORK HEREIN SPECIFIED.
ALL OPENINGS THROUGH STRUCTURALLY SUPPORTED SLABS MUST BE COREBORED, SLEEVED, GROUTED, SEALED AND MADE WATERPROOF. SLEEVES MUST EXTEND AT LEAST 2' AFF.
ALL SLEEVES, OPENINGS, ETC. THROUGH FIRE RATED WALLS AND FLOORS SHALL BE SEALED AFTER CONDUIT INSTALLATION TO RETAIN FIRE RATINGS.
- ALL ELECTRICAL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATING, SERVICING, MAINTAINING AND REPAIR.
HANGERS SHALL INCLUDE ALL MISCELLANEOUS STEEL, SUCH AS CHANNELS, RODS, ETC., NECESSARY FOR THE INSTALLATION OF WORK AND SHALL BE SECURED TO THE BUILDING STRUCTURE, NOT TO PIPING OR DISTURBANCE.
ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. EXPOSED CONDUIT SHALL BE RUN IN STRAIGHT LINES PARALLEL WITH OR AT RIGHT ANGLES TO COLUMN LINES AND SEPARATED AT LEAST 3" FROM WATER LINES WHEREVER THEY RUN ALONG SIDE OR ACROSS SUCH LINES.
- EVERY PART OF THE INSTALLATION SHALL BE TESTED, OPERATED AND LEFT IN PERFECT WORKING ORDER.
TEST ALL WIRES AND CABLES INSTALLED UNDER THIS CONTRACT WITH A 1,000 VOLT MEGOHM METER. ANY READINGS THAT ARE LOWER THAN REQUIRED BY GOOD PRACTICE OR APPLICABLE CODES, PROMPTLY REPLACE THE MATERIALS OR EQUIPMENT INVOLVED.
SHOULD TESTS REVEAL ANY OTHER DEFECTS, PROMPTLY CORRECT SUCH DEFECTS AND RE-RUN TESTS UNTIL THE ENTIRE INSTALLATION IS SATISFACTORY IN ALL RESPECTS.
- ALL ITEMS IN THE NOTES, SCHEDULES AND LEGEND MAY NOT NECESSARILY APPEAR ON THESE DRAWINGS.
- TWO COPIES OF OPERATION AND MAINTENANCE MANUALS FOR THE EQUIPMENT HEREIN INSTALLED SHALL BE GIVEN TO THE OWNER PRIOR TO ACCEPTANCE OF THE BUILDING FOR OCCUPANCY.
- GUARANTEE:
CONTRACTOR IS TO GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR AFTER THE DATE OF ACCEPTANCE OF THE PROJECT BY THE OWNER. IT IS UNDERSTOOD BY HIS ACCEPTANCE OF THE CONTRACT THAT THIS CONTRACTOR WILL MAKE GOOD ANY AND ALL WORK WHICH IN ANY WAY HAS BECOME DEFECTIVE AS TO THE QUALITY OF MATERIALS AND WORKMANSHIP FOR ANY CAUSE OTHER THAN ORDINARY WEAR AND TEAR.
FOR THE SAME PERIOD, ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE PREMISES CAUSED BY DEFECTS IN WORKMANSHIP OR IN THE WORK OR EQUIPMENT FURNISHED AND/OR INSTALLED BY HIM.
THE CONTRACTOR, BEFORE FINAL ACCEPTANCE BY THE OWNER WILL BE GRANTED SHALL CLEAN ALL LIGHTING FIXTURES, DEVICE FLATES, SERVICE FITTINGS AND OTHER ITEMS FURNISHED UNDER THIS CONTRACT. HE SHALL INSURE THAT ALL DIRECTORIES ARE IN PLACE WITH COMPLETED OR REVISED SCHEDULES AND ALL IDENTIFICATIONS AND MARKINGS OF EQUIPMENT, CABLES AND OTHER ITEMS ARE COMPLETED.
- THIS CONTRACTOR SHALL COORDINATE SEQUENCE OF WORK WITH ALL OTHER TRADES. CONTRACTOR SHALL VERIFY VOLTAGE OF MECHANICAL EQUIPMENT AND FLUORESCENT FIXTURE BALLASTS, PRIOR COMMENCING ANY WORK.
NO REMOVALS SHALL BE MADE WITHOUT OWNER'S APPROVAL. ALL EXISTING EQUIPMENT, MATERIALS, ETC. THAT ARE NOT TO BE REUSED SHALL BE REMOVED COMPLETELY AND DISPOSED OF BY THIS CONTRACTOR.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY, PRIOR TO ANY INDIVIDUAL CIRCUIT'S INSTALLATION, TO VERIFY WITH ALL OTHER TRADES CONCERNED THAT THE CIRCUIT WITH DEVICES AS DRAWN IS ADEQUATE IN SIZE AND MAKE-UP FOR THE MECHANICAL AND/OR KITCHEN EQUIPMENT TO BE INSTALLED. IF ANY CONFLICT IN VOLTAGE, PHASE OR LOAD IS ENCOUNTERED WHICH WOULD ALTER THE CIRCUIT SIZE, THIS CONTRACTOR SHALL NOTIFY THE ENGINEER OR OWNER IMMEDIATELY. FAILURE TO DO SO SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT CIRCUIT CHANGE DIRECTLY UPON THE CONTRACTOR.
- REFER TO THE MECHANICAL DRAWINGS FOR THE LOCATION OF THERMOSTATS, UNITS AND OTHER SPECIAL EQUIPMENT. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL CONDUITS, JUNCTION BOXES AND DISCONNECT SWITCHES, THERMOSTAT AND CONTROL WIRING.
- THIS CONTRACTOR SHALL MAKE ARRANGEMENTS FOR TEMPORARY POWER AND SHALL PAY THE COST FOR THE UTILITY CONNECTION AND SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF THE TEMPORARY WORK AND FOR THE REMOVAL OF SAME.
CONTRACTOR SHALL PAY ALL UTILITY CHARGES IN CONNECTION WITH THE TEMPORARY POWER.
CONTRACTOR SHALL PROVIDE GROUND FAULT PROTECTION FOR ALL POWER EQUIPMENT USED ON THE PREMISES DURING CONSTRUCTION.
- GENERAL SCOPE OF WORK
CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, SUPPLIES, EQUIPMENT AND FEES REQUIRED TO COMPLETELY INSTALL, TEST AND PLACE THE HEREIN SPECIFIED EQUIPMENT, COMPONENTS, CONTROLS, AND SYSTEMS IN SERVICE.
COMPLETE POWER AND LIGHTING DISTRIBUTION SYSTEMS INCLUDING ALL PANELS AND COMPLETE BRANCH CIRCUIT WIRING SYSTEM.
TEMPORARY ELECTRICAL SERVICE AS REQUIRED FOR CONSTRUCTION.
COMPLETE LIGHTING FIXTURE INSTALLATION.
COMPLETE UTILITY MOTOR WIRING SYSTEM (EXCEPT AS NOTED).
COMPLETE TELEPHONE CONDUIT SYSTEM INCLUDING CONDUIT FROM POINT OF CONNECTION TO UTILITY COMPANY SERVICE AND ALL TERMINAL DEVICES, BOXES, CONDUIT, PLATES, ETC.
PROVISIONS FOR FIRE ALARM SYSTEM AS REQUIRED BY CODES.
WIRING AND FINAL CONNECTION TO ALL SIGNS AND GRAPHICS.
TESTING OF ALL CABLES AND CIRCUIT WIRING AFTER INSTALLATION.
TESTING OF ALL ELECTRICAL EQUIPMENT.
WARRANTY OF ALL WORK FOR A PERIOD OF ONE YEAR FROM DATE OF PROJECT CLOSE-OUT.
- ELECTRICAL SERVICE
PROVIDE ELECTRICAL AS INDICATED ON THE DRAWINGS.
ALL WORK NOT SPECIFICALLY NOTED AS BEING BY THE LANDLORD OR THE POWER COMPANY SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
CLOSELY COORDINATE ENTIRE INSTALLATION WITH THE POWER COMPANY.
CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE LOCAL UTILITY FOR INSTALLATION OF METERS.
THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE AVAILABLE SHORT CIRCUIT CURRENT AT THE SUPPLY TERMINALS FROM THE POWER COMPANY &/OR MALL/SHOPPING CENTER POWER SOURCE. THE SERVICE EQUIPMENT SHALL MEET OR EXCEED THIS RATING PER N.E.C.
COORDINATE INSTALLATION OF TELEPHONE WORK AND INSTALL ALL CONDUIT FOR TELEPHONE SYSTEM.
OUTLET BOXES SHALL BE 4" SQUARE MINIMUM WITH SINGLE DEVICE COVER AND TELEPHONE PLATE.
PROVIDE INTERIOR TYPE 4-0 PLYWOOD 24" X 24" TO SERVE AS TELEPHONE TERMINAL BOARD.
- THIS CONTRACTOR SHALL PROVIDE, INSTALL AND CONNECT A COMPLETE SYSTEM OF GROUNDS FOR ALL EQUIPMENT AND STRUCTURES. A GOOD MECHANICAL AND ELECTRICAL CONNECTION SHALL BE MADE WITH APPROVED GROUNDS CONNECTORS.
ELECTRICAL SYSTEM AND EQUIPMENT GROUNDS SHALL COMPLY WITH ALL LOCAL, STATE AND CHICAGO ELEC. CODE AND REGULATIONS.
PANELS, CONDUIT SYSTEMS, MOTOR FRAMES, LIGHTING FIXTURES AND OTHER EQUIPMENT THAT ARE A PART OF THIS INSTALLATION SHALL BE SECURELY GROUNDED BOTH MECHANICALLY AND ELECTRICALLY IN ACCORDANCE WITH CHICAGO BUILDING AND ELEC. CODES.
MAIN GROUNDING SYSTEM SHALL BE SIZED TO CONFORM WITH SECTION 250 OF THE CHICAGO ELECTRICAL CODE.
PROVIDE CONDUIT TO PROTECT GROUND WIRE FROM DAMAGE TO AN AREA 4 FT. ABOVE FLOOR.
MAKE ALL JOINTS AND CONNECTIONS OF THE CONDUIT SYSTEM TIGHT TO MAINTAIN CONTINUITY OF MECHANICAL AND ELECTRICAL GROUND THROUGHOUT ENTIRE SYSTEM.
GROUND ALL 3 WIRE RECEPTACLES TO THE OUTLET BOXES.
GROUND NEUTRAL FROM THE TRANSFORMER CONNECTED TO WATER LINE.
GROUND CONDUCTOR SHALL BE SUPPLIED IN ALL NON-METALLIC CONDUIT.
- IF REQUIRED, PROVIDE DRY-TYPE TRANSFORMER WHICH SHALL BE ENCLOSED, VENTILATED TYPE WITH KVA AND VOLTAGE RATINGS AS CALLED FOR ON THE DRAWINGS AS MANUFACTURED BY SQUARE-D OR EQUAL.
TRANSFORMER SHALL HAVE A MINIMUM OF 180 DEGREE, CLASS H INSULATION AND A MINIMUM OF (4) 2-1/2" TAPS BELOW AND (2) 2-1/2" TAPS ABOVE RATED PRIMARY VOLTAGE.
SOUND LEVEL SHALL BE LOW AND INSTALLATION SHALL INCLUDE VIBRATION DAMPENING MOUNTS AND FLEXIBLE STEEL CONDUIT FOR PRIMARY AND SECONDARY.
- LIGHTING FIXTURES:
THE CONTRACTOR SHALL PROVIDE A NEW LIGHTING FIXTURE OF THE TYPE SPECIFIED FOR EACH LIGHTING OUTLET SHOWN WITH COMPLETE LAMPS OR TUBES. ALL FIXTURES SHALL BE HUNG AND MOUNTED IN PLACE, PROPERLY WIRED, TESTED AND LEFT READY FOR OPERATION.
CONTRACTOR SHALL VERIFY LOCATION OF ALL PARKING LOT LIGHTS, MONUMENT SIGNS, AND Pylon SIGNS ON INDIVIDUAL SITE PLAN.
- PANELBOARDS AND BREAKERS SHALL BE BY SQUARE-D OR EQUAL.
PANEL SHALL BE CIRCUITED SO THAT THE LOAD IS DISTRIBUTED EVENLY ACROSS ALL THREE PHASES.
PANELBOARDS SHALL CONTAIN A TYPEWRITTEN DIRECTORY WITH A PLASTIC COVER ATTACHED TO THE INSIDE DOOR.
ALL PANELBOARDS AND EMERGENCY LIGHTING DISCONNECT SWITCHES SHALL BE LABELLED WITH RESPECT TO THEIR TITLE, VOLTAGE AND PHASE, I.E. PANEL "A" 120/200/3Ø LABEL SHALL BE PHENOLIC PLASTIC WITH MIN. 1" WHITE LETTERS AND BLACK BACKGROUND. LABELS SHALL BE PERMANENTLY FIXED TO THE EQUIPMENT.
- LIGHTING PANELBOARD SHALL BE 3-PHASE, 4-WIRE DISTRIBUTED PHASE TYPE WITH SOLID NEUTRAL, GROUND WLG, GROUND BUS AND ALL BREAKERS SHALL BE BOLTED TYPE, THERMAL MAGNETIC WITH ALL TWO OR THREE POLE BREAKERS HAVING COMMON TRIP. CIRCUIT BREAKERS SHALL BE RATED FOR MINIMUM 10,000 AMP SYMMETRICAL SHORT CIRCUIT CURRENT AT 120/200V.
CIRCUIT BREAKERS SERVING LIGHTING CIRCUITS SHALL BE RATED FOR SWITCH SERVICE.
- WIRING DEVICES:
WALL SWITCHES, SINGLE POLE, DOUBLE POLE, AND THREE WAY SHALL BE GENERAL DUTY, FLUSH, TORSILE SWITCHES; SPECIFICATION GRADE, 20A, 120/277V, WITH SCREW TERMINALS.
MANUFACTURERS SHALL BE HUBBELL, BRYANT, PASS & SEYMORE, OR LEVITON.
GENERAL DUTY DUPLEX RECEPTACLES SHALL BE 2-POLE, 3-WIRE GROUNDING TYPE, SPECIFICATION GRADE, 20A, 125V, NEMA 5-20R UNLESS OTHERWISE INDICATED. MANUFACTURERS SHALL BE HUBBELL, BRYANT, PASS AND SEYMORE, OR LEVITON.
GROUND FAULT INTERRUPTER RECEPTACLE SHALL BE GENERAL DUTY, DUPLEX RECEPTACLES, GROUND FAULT CIRCUIT INTERRUPTER, FEED - THROUGH TYPE, CAPABLE OF PROTECTING CONNECTED DOWNSTREAM RECEPTACLES ON A SINGLE CIRCUIT. GROUNDINGS TYPE UL-RATED CLASS A, GROUP 1, 20A, 120V, 60 Hz, WITH SOLID-STATE GROUND FAULT SENSING AND SIGNALING, WITH 5 MILLIAMPERES GROUND - FAULT TRIP LEVEL, IN NEMA 5-15R CONFIGURATION.
FOR USE WITH HUBBELL, BRYANT, PASS & SEYMORE, OR LEVITON.
DUPLEX ISOLATED GROUND TYPE RECEPTACLE SHALL BE 2-POLE, 4-WIRE, 15A STRAIGHT BLADE DEVICE WITH SEPARATE ISOLATED GROUND AND BUILDING GROUND CONNECTIONS, IN NEMA 5-15R CONFIGURATION, AS MANUFACTURED BY HUBBELL IS-9562.
WIRING DEVICE ACCESSORIES INCLUDING ALL WALL PLATES SHALL BE PROVIDED AT EACH DEVICE. WALL PLATES SHALL BE SAME COLOR AS DEVICE AND MANUFACTURED AS A COMPANION TO THE DEVICE.
ANY ELECTRICAL OUTLETS WITHIN 6 FEET OF A SINK SHALL BE GFI PROTECTED. PROVIDE EITHER INDIVIDUAL GFI DEVICES OR GFI CIRCUIT BREAKERS, UNLESS SPECIFICALLY NOTED ON THE DRAWINGS OR SCHEDULES.
PROVIDE A 120 VOLT RECEPTACLE WITHIN 25 FEET OF ALL HVAC EQUIPMENT ON THE ROOF.
ALL EXTERIOR RECEPTACLES AND DEVICES SHALL BE WEATHERPROOF ELECTRICAL DEVICES, DISCONNECT SWITCHES, ETC. SHALL BE SUPPORTED INDEPENDENT OF & ISOLATED FROM EQUIP. VIBRATIONS.
- PROVIDE SAFETY AND DISCONNECT SWITCHES, FUSED OR NON-FUSED AS REQUIRED BY CODE OR SHOWN ON DRAWINGS. SWITCHES SHALL BE HEAVY DUTY, LOAD AND HORSEPOWER RATED AS MANUFACTURED BY SQUARE-D, GENERAL ELECTRIC, OR EQUAL.
FURNISH AND INSTALL DUAL ELEMENT CURRENT LIMITING FUSES OF TYPE AND AMPACITY DESIGNED TO PROTECT SYSTEM AGAINST AVAILABLE SHORT CIRCUIT FAULT CURRENT.
- COORDINATE ALL EQUIP. CONNECTIONS WITH EQUIP. SUPPLIER PRIOR TO ROUGH-IN. PROVIDE ADDITION FUSED DISCONNECT SWITCHES & CONTROLS IF OVERCURRENT PROTECTION OR CONTROLS ARE NOT INTEGRAL TO THE EQUIP. ALL ELECTRICAL EQUIP. ON ROOF OR OUTSIDE THE BLDG. SHALL BE IN NEMA-3R OR NEMA-4 ENCLOSURES.
ALL EQUIP. SHALL BE FUSE SIZED PER MANUF. RECOMMENDATIONS & U.L. APPROVAL.
ALL VIBRATING EQUIP., CONN. SHALL BE SEAL TYPE FLEX, 30" MAX. STARTERS AND RELATED WIRING SHALL BE INSTALLED BY ELECTRICAL CONTRACTOR. OVERLOAD UNITS SHALL BE INSTALLED AS PER NAME PLATE DATA ON EQUIPMENT, EXCEPT FOR SUCH ITEMS AS ARE NORMALLY SUPPLIED WITH STARTERS INSTALLED (HVAC UNITS, PISH-MASHERS ETC.) AT THEIR POINT OF MANUFACTURE, ALL STARTERS SHALL BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR WILL MOUNT ALL SUCH STARTERS, AS DIRECTED, FURNISHING SUPPORTING STRUCTURES WHERE NECESSARY.
ALL REMOTE EQUIPMENT ON ROOF OR GROUNDS SHALL HAVE A DISCONNECT SWITCH AT EACH PIECE OF EQUIPMENT. FURNISH FUSED DISCONNECTS AS REQUIRED BY N.E.C.
FULL LOAD AMPS (FLA) SIZES ARE BASED ON SPECIFIED EQUIP. DATA. CONTRACTOR SHALL VERIFY NAMEPLATE FLA OF EQUIP. SUPPLIED & COORDINATE ACCORDINGLY PER EQUIP. SUPPLIER RECOMMENDATIONS.
- ALL WIRING SHALL BE INSTALLED IN EMT TYPE CONDUIT, UNLESS RUNNING THROUGH CONCRETE WHEN RIGID METAL SHALL BE DEMANDED.
ALL CONDUIT & J-BOXES SHOWN SHALL BE CONCEALED WHEN POSSIBLE. WHEN NOT POSSIBLE, CONDUIT & J-BOXES MAY BE SURFACE MOUNTED WITH PERMISSION OF THE ARCHITECT.
INSULATE ALL CONDUIT PASSING THROUGH WALK-IN COOLER, FILL AROUND CONDUIT WITH DUCT-TN SEAL WHERE IT PASSES THROUGH COOLER WALL OR CEILING.
ALL EXTERIOR CONDUIT FOR WIRING SHOULD BE MINIMIZED BY ROUTING IN CEILING SPACE. NO EXTERIOR CONDUIT WILL BE ACCEPTED, UNLESS OTHERWISE NOTED.
PAINTING OF ELECTRICAL CONDUITS, ETC. IF REQUIRED, WILL BE BY THE GENERAL CONTRACTOR.
- RACEWAYS SHALL BE SURFACE METAL, TYPE OF THE SIZE AND REQUIRED FOR SERVICE, CONSTRUCTED OF GALVANIZED STEEL WITH SNAP-ON COVERS, WITH 1/2" MOUNTING SCREEN KNOCKOUTS IN BASE APPROXIMATELY 8" DIA. PROVIDE FITTINGS INDICATED WHICH MATCH AND MATCH WITH RACE. FINISH WITH MANUFACTURER'S STANDARD PRIME COATINGS SUITABLE FOR PAINTING.
- OUTLET BOXES AND COVERS SHALL BE ONE PIECE, GALVANIZED STEEL. JUNCTION BOXES, PULL BOXES AND COVERS SHALL BE GALVANIZED STEEL, CODE GAUGE AND SIZE.
- ALL FEEDERS & BRANCH CIRCUITS SHALL BE THINWALL (40" C). DESIGN IS BASED ON COPPER CONDUCTORS & ALL BRANCH CIRCUIT WIRING SHALL BE COPPER. ALL WIRING SHALL BE IN CONDUIT OR MC TYPE.
ALL WIRE AND CABLE SHALL BE NEW AND SHALL BE BROUGHT TO THE SITE IN UNBROKEN PACKAGES.
ADDITIONAL CONDUCTOR SPECIFICATIONS:
#10 AND SMALLER - SOLID WITH SINGLE Braid.
8 AND LARGER - STRANDED WITH AT LEAST DOUBLE Braid.
MINIMUM WIRE SIZE SHALL BE #12 (#14 MAY BE USED FOR CONTROLS)
WIRES SHALL BE COLOR CODED IN KEEPINGS WITH NEC STANDARDS.
PROVIDE MC FOR FEEDER CONDUIT WHERE INSTALLED ABOVE GRADE. FITTINGS SHALL BE STEEL, THREADED SET SCREW TYPE WITH INSULATED THROATS. FURNISH EMT CONDUIT OR BX OR MC FOR INTERIOR WIRING NOT SUBJECT TO PHYSICAL DAMAGE. MIN. CONDUIT SIZE SHALL BE 1/2" UNLESS SPECIFICALLY NOTED OTHERWISE. CONDUIT SHALL BE CONCEALED WHEREVER POSSIBLE & SHALL RUN PARALLEL OR PERPENDICULAR TO BLDG. WALLS OR CEILING. PVC SCHEDULE 40 CONDUIT MAY BE USED FOR UTILITY FEEDERS WHERE BURIED UNDERGROUND. SEE ADDITIONAL NOTES ON ELECTRICAL SERVICE SCHEMATIC.
A SEPARATE GREEN INSULATED EQUIP. GROUNDED CONDUCTOR (BOND) SHALL BE INSTALLED WITH EVERY RACEWAY.
WIRING SHOWN IN THE PANEL SCHEDULE IS THE MINIMUM REQUIRED. RUNS IN EXCESS OF 40'-0" (ONE WAY) SHALL BE SIZED PER THE (E.G. MAXIMUM 25' V.D).
- TEST ELECTRICAL SYSTEM FOR SHORT CIRCUITS & MEGGAR TEST FEEDERS & BRANCH CIRCUIT WIRING. INSURE LOW IMPEDANCE GROUND PATH SYSTEM.
- FINALLY, IT IS THE INTENT THAT THE FOREGOING WORK SHALL BE COMPLETE IN EVERY RESPECT AND THAT ANY MATERIAL OR WORK NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT NECESSARY TO FULLY COMPLETE THE WORK SHALL BE FURNISHED.
THE LOCATION OF RECEPTACLES AND FIXTURES SHOWN ON THE DRAWINGS IS APPROXIMATE AND THE OWNER SHALL HAVE THE RIGHT TO RELOCATE ANY DEVICES BEFORE THEY ARE INSTALLED WITHOUT ANY ADDITIONAL COSTS.

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1/5/16 DATE
11/30/16 LIC. EXPIRES

BURGER KING

ISSUE DATES / REVISIONS		
4	OWNER REVISIONS 3/18/16	
3	CORPORATE CHANGES 2/9/16	
2	PLAN RE-REVIEW REVISIONS 2/5/16	
1	PLAN REVIEW REVISIONS 1/26/16	
	PERMIT SUBMITTAL 1/5/16	
NO.	DESCRIPTION	DATE
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	DATE: 11.30.15	
	PROJECT No: 15014	

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ELECTRICAL SPECIFICATIONS