

Planning/Zoning Application

Submitted On:

Sep 5, 2024, 10:29AM EDT

Planning & Zoning Department

Parcel Number: (Include ALL parcels)	WD-709-1
Nearest property address to the project site:	Street Address: 950 Main Ave. A City: De Pere State: W Zip: 54115
Check each project type that is being applied for:	Site Plan
Current De Pere Zoning Districts:	MX3
Existing Site Land Uses:	Commercial
Proposed Site Land Uses:	Commercial
Does the project comply with the Comprehensive Plan?	Yes
Has City Staff been contacted for a preapplication meeting?	Yes
Property Owner:	First Name: Jeremy Last Name: Alsaker
Is the property owner's address	
the same as the nearest property address?	No
	Street Address: P.O. Box 120 City: Wisconsin Dells State: W Zip: 53965
property address?	Street Address: P.O. Box 120 City: Wisconsin Dells State: W
property address? Property Owner's Address: Property Owner's Phone	Street Address: P.O. Box 120 City: Wisconsin Dells State: W Zip: 53965
property address? Property Owner's Address: Property Owner's Phone Number: Property Owner's Email	Street Address: P.O. Box 120 City: Wisconsin Dells State: W Zip: 53965 2243182140
property address? Property Owner's Address: Property Owner's Phone Number: Property Owner's Email Address: Is someone processing the project for the property owner as their authorized	Street Address: P.O. Box 120 City: Wisconsin Dells State: W Zip: 53965 2243182140 mariov@mrvarch.com

Authorized Representa Phone Number:	tive's	2243182140				
Authorized Representation Email Address:	tive's	erikv@mrvarch.com				
Please attach a PDF co site plan.	py of the	24042_De Pere, W_Bridge Remodel_ CD Set.pdf				
Would you like a basic of information to include site plan?						
How do you plan on pa your application?	ying for	Online with a credit card				
Total Due:		\$350.00				
Signature Data	Email Ad	ne: Valiulis dress: Erikv@mrvarch.com Crik Valiulis t: September 5, 2024 10:28am America/New_York				
User's Session Informa	tion	IP Address: 73.73.42.111				

Referrer URL:

CITY OF DE PERE

335 South Broadway, De Pere, WI 54115 | www.de-pere.org



October 17, 2024

Erik Valerius **MRV Architects INC** 5105 Tollview DR, Suite 201 Rolling Meadows, IL 60008

RE: Site Plan Review for the Dunkin' Façade Replacement at 950 Main AV, Unit A

(Parcel WD-709-1)

Dear Erik:

Thank you for the revised site plan for the Dunkin' Façade Replacement at 950 Main AV, Unit A. The City of De Pere staff reviewed the site plan on October 17, 2024, and recommended approval with no conditions.

You may now proceed to the Inspection Division to begin the process of obtaining permits. Should you have any questions regarding the decision or require further information, feel free to contact me at 339-4043 or pschleinz@deperewi.gov.

Sincerely,

Peter Schleinz

Senior Planner | Zoning Administrator

Futer, Schlery

cc: Daniel J. Lindstrom, AICP, Development Services Director

Dennis Jensen, Senior Building Inspector

GENERAL NOTES

1) ALL WORK TO COMPLY TO THE WISCONSIN / FEDERAL ACCESSIBILITY CODE AS ESTABLISHED BY THE STATE OF WISCONSIN AND THE CITY OF DE PERE.

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 INFERRED 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. U.L. LABELS TO BE VISIBLE WHEN EQUIPMENT IS IN FINAL POSITION.

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 C.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 ARCHITECTS WRITTEN

24) CONTRACTOR TO PROTECT EXISTING CONSTRUCTION AND RESTORE ALL FINISH SURFACES TO THEIR ORIGINAL CONDITION WHERE DAMAGED.

25) CONTRACTOR TO PROVIDE A COPY OF THE APPROVED CONSTRUCTION DOCUMENTS ON SITE AT ALL TIMES.

GENERAL NOTES CONTINUED

26) AS PART OF THE DESIGN AND CONSTRUCTION OF THE BUILD-OUT, ALL EXISTING BUILDING FINISHES IN SPACES OWNED BY CDA OR LEASED TO AIRLINES / VENDORS AND OTHER TENANTS. SHALL BE MAINTAINED. OR IF AFFECTED BY THE BUILD-OUT, REPAIRED / REPLACED IN-KIND TO MATCH EXISTING FINISHES OR IMPROVED IN SUCH A MANNER AS ACCEPTABLE TO THE COMMISSIONER AND / OR AFFECTED AIRLINE / VENDOR / TENANT.

27) ALL PENETRATIONS THROUGH FLOORS, WALLS, CEILINGS AND PARTITIONS OF ANY TYPE MUST BE TIGHTLY SEALED. PENETRATION THROUGH FIRE RATED FLOORS, WALLS PARTITIONS OR CEILINGS MUST BE SEALED TO MAINTAIN THE SAME FIRE RATING AS THE FLOORS, WALLS PARTITIONS OR CEILINGS BEING

28) CONTRACTOR TO PROVIDE NON-DESTRUCTIVE ULTRASOUND TESTING AT CORE PENETRATIONS THRU THE FLOOR STRUCTURE.

29) ANY NEW OPENINGS THROUGH FLOOR FOR THE INSTALLATION OF RISER PIPES OR CONDUITS MUST BE PROVIDED WITH: A) A GALVANIZED METAL PIPE SLEEVE SECURED AND SEALED TO THE FLOOR WITH THE TOP AT 1" MINIMUM ABOVE TOP OF SLAB TO GUARD AGAINST WATER SPILL/LEAK TO LEVEL BELOW (ACT AS A DAM). B) ANNULAR RING/GAP FOR PIPES PASSING THROUGH THE SLEEVE MUST BE SEALED WITH A UL LISTED FIRE RATED ASSEMBLY MATCHING THE FLOOR FIRE RATING. FOR MECHANICAL DUCTWORK OR PIPES OF SIZE MAKING SLEEVE IMPRACTICAL, PROVIDE A CONCRETE OR STEEL CURB ABOVE THE SLAB TO ACT AS A DAM AND SEAL ANNULAR RING/GAP WITH A UL LISTED FIRE RATED ASSEMBLY MATCHING THE FLOOR FIRE RATING.

DUNKIN' PROJECT CONTRACTOR NOTES AND REQUIREMENTS

1. ATTEND PRE-CONSTRUCTION MEETING WITH FRANCHISEE

2. OBTAIN COPIES OF PLAN REVIEW LETTERS ISSUED FOR PERMIT APPROVAL PROCESS. 3. SUBMIT PROJECT SCHEDULE, SUB-CONTRACTOR LIST, AND SCHEDULE OF VALUES TO

4. COORDINATE ARCHITECT'S JOB SITE INSPECTIONS FOR THE FOLLOWING: -ROUGH CARPENTRY -UTILITY ROUGH-IN

-PROJECT COMPLETION 5 FOR REMODELS, GC CONFIRM WITH FRANCHISEF FOUIPMENT TO REMAIN, FOUIPMENT TO BE REMOVED, STORED AND REINSTALLED, AND EQUIPMENT TO BE THROWN AWAY.

PROVIDE FIELD MEASUREMENTS TO FRANCHISEE'S EQUIPMENT SUPPLIER

STORAGE AND DELIVERY OF EQUIPMENT TO BE AT FRANCHISEE'S COST.

. APPROVE EQUIPMENT SUPPLIER'S SHOP DRAWING FOR ACCURACY WITH CONTRACT DOCUMENTS AND FIELD DIMENSIONS.

8. COMMIT TO EQUIPMENT INSTALLATION 5 WEEKS MINIMUM BEFORE SCHEDULED DATE. 9. GC SHALL PHOTOGRAPH SITE DAY OF EQUIPMENT INSTALL.

10. PROVIDE TRASH DUMPSTER FOR EQUIPMENT SUPPLIER'S CRATE MATERIAL

11. PROVIDE SUPERINTENDENT ON SITE FOR DURATION EQUIPMENT INSTALL. 12. SUB TRADES SHOULD NOT BE SCHEDULED DURING TIME OF INSTALL

13. BEFORE EQUIPMENT INSTALLATION DATE, GC SHALL HAVE THE FOLLOWING CONSTRUCTION COMPLETED

A. ELECTRICAL SERVICE TO BE IN PLACE, EITHER TEMPORARY TEMPORARY SERVICE SETUP OR PERMANENT SERVICE

INSTALLED. D. ALL FLOOR TILE SET AND GROUTED. ALL WALL BASE TILE

SET AND GROUTED. E. CEILING GRID INSTALLED. DUCTWORK COMPLETED AND

DIFFUSERS IN PLACE. F. SOFFITS COMPLETED AND FINISHED. G. ALL WALL FINISHES COMPLETED

H ALL AREAS IN THE STORE TO BE CLEANED AND FREE OF CONSTRUCTION MATERIALS

.. ELECTRICAL CIRCUITS PULLED AND WATER STUBS COMPLETED WITH SHUT OFF VALVES. M. HOT WATER HEATER INSTALLED AND OPERATING

14. MAKE FINAL ALL EQUIPMENT CONNECTIONS

15. WATER SUPPLY PIPING TO COFFEE BREWER TO BE BLOWN OUT PRIOR TO

22. COORDINATE FRANCHISEE'S PHONE SERVICE.

25. COORDINATE FRANCHISEE'S AWNING FABRICATOR

26. COORDINATE FRANCHISEE'S LOCAL SIGN INSTALLER.

27. PROVIDE CIRCUITING & FINAL CONNECTION FOR ALL ILLUMINATED SIGNAGE.

29. PROVIDE FINAL CLEANING SERVICE FOR TURN OVER TO FRANCHISEE.

30. SECURE ALL FINAL INSPECTIONS AND CERTIFICATE OF OCCUPANCY.

31. PROVIDE DUNKIN' BRANDS WARRANTY INFO & COMPLETED PAPERWORK.

32. G.C. WILL BE RESPONSIBLE TO INSTALL ALL INTERIOR GRAPHIC ELEMENTS SUPPLIED BY THE MILLWORK SUPPLIER

OCCUPANCY LOAD

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

	OCCUPANCY OF NUMBER OF PEOPLE PER AREA	ACTUAL OCCUPANCY
DINING AREA 15 S.F. /PERSON	214 / 15 = 14.27 PERSONS	21 SEATS
PREP (INDUSTRIAL) 100 S.F. /PERSON	282 / 100 = 2.82 PERSONS	1 EMPLOYEES
KITCHEN (SERVICE) 200 S.F. /PERSON	335 / 200 = 1.68 PERSONS	2 EMPLOYEES
SALES AREA 30 S.F. / PERSON	184 / 30 = 6.13 PERSONS	2 EMPLOYEES
BUSINESS AREAS 100 S.F. / PERSON	466 / 100 = 4.66 PERSONS	1 EMPLOYEES
STORAGE AREAS 300 S.F. / PERSON	538 / 300 = 1.79 PERSONS	0 EMPLOYEES
	TOTAL PERSONS = 31.35	TOTAL PERSONS = 27

TOTAL OCCUPANCY: 32 PEOPLE (USING OCCUPANCY CALCULATION)

SHEET INDEX ⊕ - ADDED SHEET SPECIFICATIONS & NOTES CS-1.0 COVER SHEET GN-1.0 CONSTRUCTION SPECIFICATIONS GN-1.1 | CONSTRUCTION SPECIFICATIONS 4 GN-2.0 MASTER FINISH SCHEDULE GN-3.0 NATIONAL ACCOUNTS & RESPONSIBILITY MATRIX 6 SP-1.0 SITE PLAN & NOTES 7 SP-1.1 SITE DETAILS ARCHITECTURAL 8 A-1.0 EXISTING EXTERIOR ELEVATIONS & NOTES 9 A-1.1 PROPOSED EXTERIOR ELEVATIONS, BUILDING SIGNAGE DETAILS, & NOTES NOTE: SEE BOOKFORM SPECIFICATIONS THAT ARE PART OF THESE CONTRACT DOCUMENTS



DUNKIN' 950 MAIN AVE. A DE PERE, WI 54115

DBI IMAGE: NEXT GEN (PC# 352721)

CODE REVIEW

AUTHORITY: DEVELOPMENT SERVICE DEPARTMENT 335 S BROADWAY ST, DE PERE

PHONE: 920.339.4043 ACCESSIBILITY CODE: ANSI A117.1-2009

> MECHANICAL CODE: 2015 IMC WISCONSIN UNIFORM PLUMBING CODE ELECTRICAL CODE: 2015 IFGC FUEL GAS CODE: **ENERGY CODE:** 2015 IECC ARTICLE: IX

CONST. TYPE: TYPE V-B (EXISTING) USE: BUSINESS - GROUP B (EXISTING)

TOTOL BUILDING: 2,200 GROSS SQ. FT. (EXISTING) DUNKIN' SPACE: 6,00 GROSS SQ. FT. (EXISTING) 21'-3" (EXISTING)

2 REQUIRED/ 4 PROVIDED; BUILDING NOT SPRINKLED FARTHEST TRAVEL DISTANCE TO EXIT = 62'-8" (UNCHANGED)

TMART OPERATIONS I, LLC. JEREMY ALSAKER

PROJECT DIRECTORY

P.O. BOX 120 WISCONSIN DELLS, WI 53965 PHONE: 608.698.6165

ARCHITECTS: MRV ARCHITECTS, INC. 5105 TOLLVIEW DRIVE, SUITE 201 ROLLING MEADOWS, IL 60008

REFER TO DUNKIN SPECIFICATIONS, IF ANY CONFLICTS BETWEEN THESE DRAWINGS AND DUNKIN'S SPECIFICATIONS ARISE, NOTIFY ARCHITECT IMMEDIATELY. CONTRACTOR MUST BE FAMILIAR WITH THE MOST RECENT EQUIPMENT SPECIFICATIONS OBTAINED FROM DUNKIN' BRANDS.

ARCHITECT'S SEAL

OCCUPANCY: 32 OCCUPANTS (UNCHANGED)

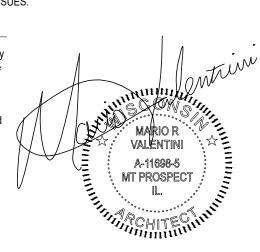
THESE DOCUMENTS WERE PREPARED BY "MRV ARCHITECTS. INC." ACCORDING TO THE TERMS OF THE CONTRACT BETWEEN THIS OFFICE AND THE OWNER, FOR THIS BUILDING PROJECT. THESE DOCUMENTS DO NOT EITHER IN WHOLE OR IN PART CONSTITUTE ANY DIRECTION OR INSTRUCTION TO THE AWARDED GENERAL CONTRACTOR OR AWARDED SUB-CONTRACTORS WITH REGARDS TO CONSTRUCTION MEANS. METHODS OR TECHNIQUES BY THESE DOCUMENTS. THUS, 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.

STATEMENTS OF COMPLIANCE

EXPIRES: 07-31-26

I hereby certify that these drawings were prepared by me and to the best of my knowledge comply with the Applicable Building Codes. Project will comply with ADA Title II (All programs,

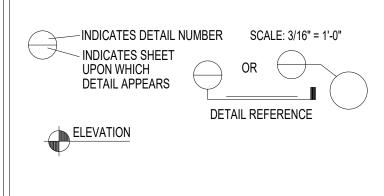
services, and activities to be made accessible to and usable by people with disabilities). **ARCHITECT**



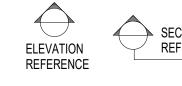
SYMBOL NOTES

COLUMN LINE

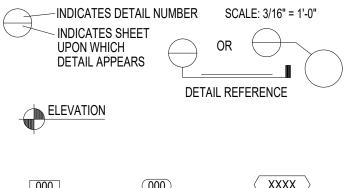
NUMBER



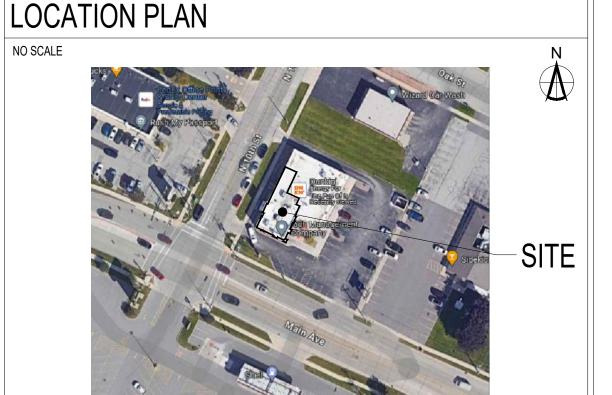
DOOR NUMBER **EQUIPMENT NUMBER** ROOM NUMBER

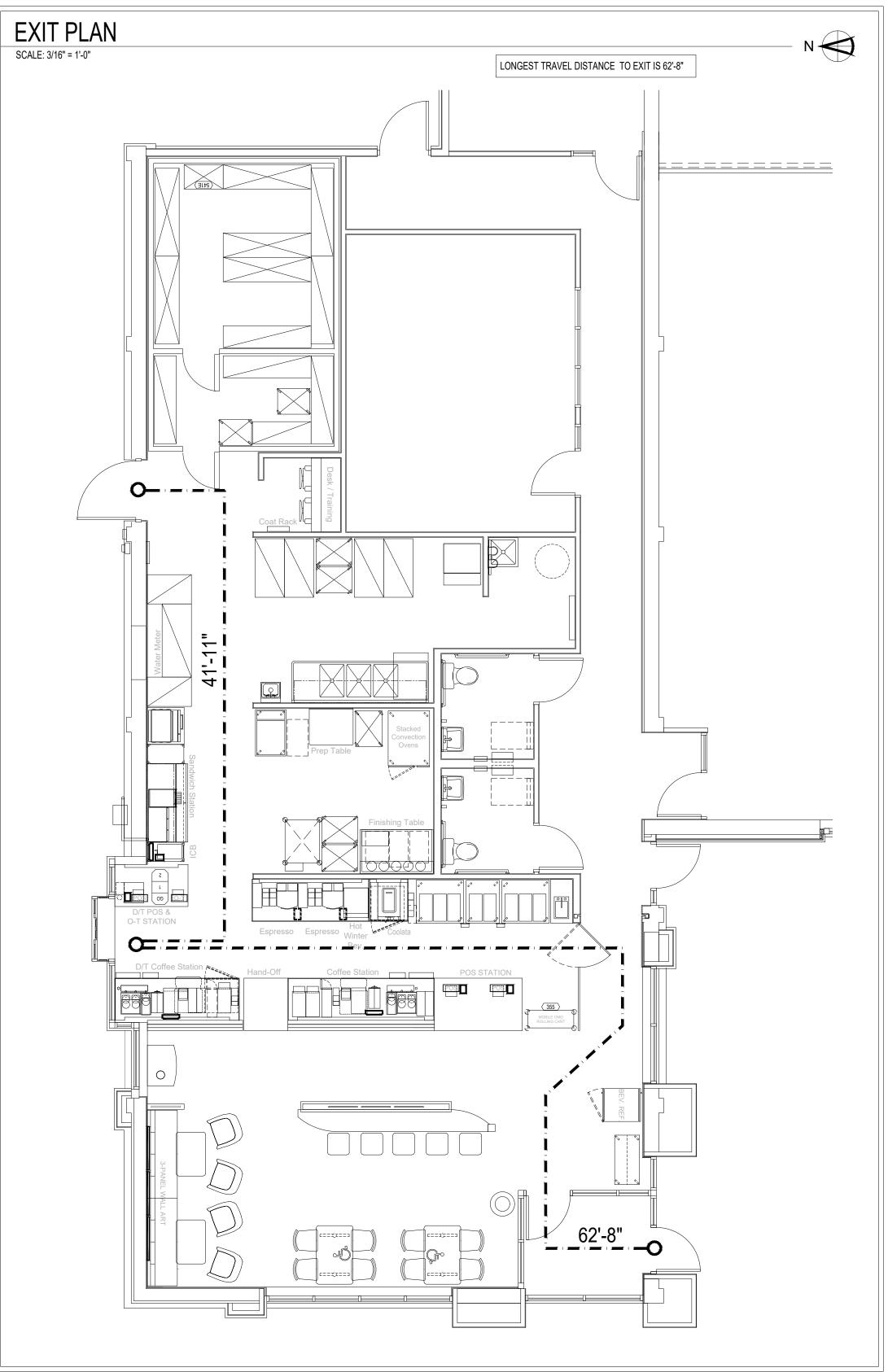




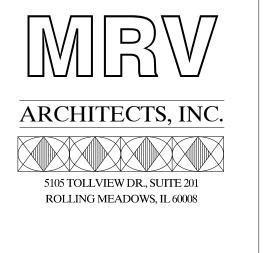




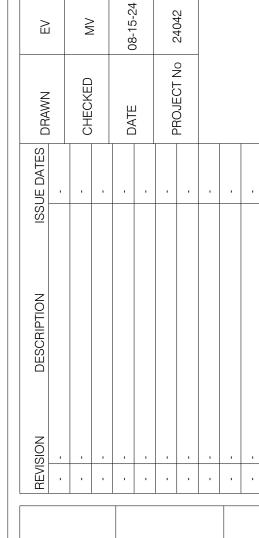








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OVER ()

CONSTRUCTION SPECIFICATIONS:

SECTION 02 4116 STRUCTURE DEMOLITION

PART 1 GENERAL

- 1.1 SUMMARY A. SECTION INCLUDES
 - 1. DEMOLITION OF DESIGNATED STRUCTURES. 2. DEMOLITION OF FOUNDATIONS AND SLABS ON GRADE AS REQUIRED.
 - 3. DISCONNECTION AND CAPPING OR REMOVAL OF UTILITIES. 4. DEMOLITION OF WALKS, PAVING, CURBS, GUTTERS, AND SITE IMPROVEMENTS.
 - 5. REMOVAL OF MATERIALS FROM SITE.

PART 2 PRODUCTS NOT APPLICABLE

PART 3 EXECUTION

- 3.1 PREPARATION A. PRIOR TO BEGINNING DEMOLITION, VERIFY THAT:
 - 1. STRUCTURES ARE UNOCCUPIED AND REMOVED FROM SERVICE. 2. TEMPORARY CONTROLS AND DEVICES ARE IN PLACE AND OPERATIONAL
 - 3. UTILITIES ARE TEMPORARILY OR PERMANENTLY DISCONNECTED OR RELOCATED AS
- 4. ITEMS SALVAGED FOR OWNER ARE REMOVED AND STORED IN DESIGNATED AREA. 3.2 DEMOLITION
 - A. DEMOLISH STRUCTURES IN ACCORDANCE WITH DEMOLITION PROCEDURES APPROVED BY ARCHITECT.
 - B. SPRINKLE DEBRIS, AND USE TEMPORARY CLOSURES AS NECESSARY TO LIMIT DUST TO LOWEST PRACTICAL LEVEL.
 - C. DO NOT USE WATER TO EXTENT CAUSING FLOODING, CONTAMINATED RUNOFF, OR D. BEGIN DEMOLITION AT TOP OF BUILDING AND PROCEED TO LOWEST LEVEL, NOT USING
 - FXPLOSIVES E. DEMOLISH STRUCTURE ABOVE EACH FLOOR LEVEL BEFORE DAMAGING SUPPORTING MEMBERS ON LOWER LEVELS.
- F. REMOVE SLABS AND FOUNDATIONS TO DEPTH INDICATED. 3.3 MATERIAL DISPOSA
- A. SALVAGE: REMOVE, PROTECT, AND RELOCATE MATERIALS DESIGNATED TO REMAIN PROPERTY OF OWNER.
- 1. MATERIALS, EQUIPMENT, AND DEBRIS RESULTING FROM DEMOLITION OPERATIONS
- BECOMES PROPERTY OF CONTRACTOR. REMOVE DEBRIS AS SOON AS PRACTICAL. 2. COVER DEBRIS IN TRUCKS TO PREVENT SPILLAGE DURING TRANSPORTATION. 3. DO NOT STORE OR BURN MATERIALS ON SITE
- 4. TRANSPORT DEBRIS TO OFF-SITE DISPOSAL AREA AND LEGALLY DISPOSE OF.

SECTION 03 3000 CAST-IN-PLACE CONCRETE

PART 1 GENERAL 1.1 SUMMARY

- A. SECTION INCLUDES 1. CAST-IN-PLACE CONCRETE FOR FOUNDATIONS AND SLABS ON GRADE.
 - 2. EQUIPMENT PADS. 3. BASES FOR LIGHTING FIXTURES.

PART 2 PRODUCTS

- 2.2 MATERIALS A. PORTLAND CEMENT: ASTM C150, TYPE I OR III, GRAY COLOR.
- B. AGGREGATES 1. FINE: ASTM C33, CLEAN, HARD, DURABLE, UNCOATED NATURAL SAND, FREE FROM SILT
- 2. COARSE: ASTM C33, CLEAN, HARD, DURABLE, UNCOATED CRUSHED STONE, MAXIMUM SIZE 3/4 INCH
- C. FLY ASH: ASTM C618, MAXIMUM 2 PERCENT LOSS ON IGNITION.

2.3 ACCESSORIES A. WATER: CLEAN AND POTABLE.

- B. ADMIXTURES:
- 1. WATER REDUCING OR WATER REDUCING/SET RETARDING: ASTM C494, TYPE A OR D. 2. AIR ENTRAINING: ASTM C260.
- C. EXPANSION JOINT FILLER: ASTM D1752, NON-ASPHALTIC TYPE D. BONDING AGENT: TWO COMPONENT MODIFIED EPOXY RESIN.

A. PROPORTIONS: IN ACCORDANCE WITH ACI 301.

- B. DESIGN CONCRETE TO YIELD CHARACTERISTICS INDICATED ON DRAWINGS. C. AIR ENTRAINED CONCRETE: PROVIDE AIR ENTRAINING ADMIXTURE TO PRODUCE 4 TO 6 PART I - GENERAL PERCENT AIR BY VOLUME OF CONCRETE
- D. USE ACCELERATING ADMIXTURE IN COLD WEATHER ONLY WHEN APPROVED BY ARCHITECT. USE OF ADMIXTURES WILL NOT REDUCE COLD WEATHER PLACEMENT
- REQUIREMENTS E. FLY ASH CONTENT: MINIMUM PERCENT BY WEIGHT OF CEMENTITIOUS MATERIAL IN MIX
- F. THE MATERIAL(S) IN THE PRODUCT(S) SUPPLIED SHOULD HAVE A RECYCLED CONTENT SUCH THAT THE SUM OF THE POST-CONSUMER RECYCLED CONTENT PLUS ONE-HALF OF THE PRE-CONSUMER CONTENT CONSTITUTES AT LEAST 20 % OF THE TOTAL VALUE OF
- PART 3 EXECUTION
- A. NOTIFY TESTING LABORATORY MINIMUM 24 HOURS PRIOR TO PLACING CONCRETE.
 - B. ACCURATELY POSITION ANCHOR BOLTS, SLEEVES, CONDUIT, INSERTS, AND ACCESSORIES. DO NOT CUT REINFORCING STEEL TO FACILITATE INSTALLATION OF
- INSERTS OR ACCESSORIES.
- C. REMOVE WATER AND DEBRIS FROM FORMS AND EXCAVATIONS. D. CLOSE OPENINGS LEFT IN FORMS FOR CLEANING AND INSPECTION.
- 3.2 PLACEMENT OF CONCRETE A. PLACE CONCRETE IN ACCORDANCE WITH ACI 301 AND ACI 318.
 - B. ENSURE REINFORCEMENT, INSERTS, AND EMBEDDED PARTS ARE NOT DISTURBED DURING CONCRETE PLACEMENT.
 - C. DEPOSIT CONCRETE AS NEARLY AS POSSIBLE IN ITS FINAL POSITION TO MINIMIZE HANDLING AND FLOWING. D. PLACE CONCRETE CONTINUOUSLY BETWEEN PREDETERMINED EXPANSION, CONTROL

THE MATERIAL IN THE PROJECT.

- AND CONSTRUCTION JOINTS. E. DO NOT PLACE PARTIALLY HARDENED, CONTAMINATED, OR RE-TEMPERED CONCRETE.
- F. DO NOT ALLOW CONCRETE TO FREE FALL OVER 8 FEET; PROVIDE TREMIES, CHUTES, OR
- OTHER MEANS OF CONVEYANCE G. CONSOLIDATE CONCRETE WITH MECHANICAL VIBRATING EQUIPMENT. HAND COMPACT IN
- CORNERS AND ANGLES OF FORMS. H. SCREED SLABS LEVEL, TO FLATNESS TOLERANCE OF 1/8 INCH IN 10 FEET.
- 3.3 PLACEMENT OF GROUT A. REMOVE LOOSE AND FOREIGN MATTER FROM CONCRETE; LIGHTLY ROUGHEN BONDING
 - SURFACE.
 - B. JUST PRIOR TO GROUTING, THOROUGHLY WET CONCRETE SURFACES; REMOVE EXCESS
 - C. MIX GROUT IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. DO NOT
- D. PLACE GROUT CONTINUOUSLY, BY MOST PRACTICAL MEANS; AVOID ENTRAPPED AIR. DO NOT VIBRATE GROUT.
- 3.4 PROTECTION A. IMMEDIATELY AFTER PLACEMENT, PROTECT CONCRETE FROM PREMATURE DRYING,
- EXCESSIVELY HOT OR COLD TEMPERATURES, AND MECHANICAL INJURY. B. MAINTAIN CONCRETE WITH MINIMAL MOISTURE LOSS AT RELATIVELY CONSTANT
- TEMPERATURE FOR PERIOD NECESSARY FOR HYDRATION OF CEMENT AND HARDENING
- C. PROVIDE ARTIFICIAL HEAT TO MAINTAIN TEMPERATURE OF CONCRETE ABOVE MINIMUM
- SPECIFIED TEMPERATURE FOR DURATION OF CURING PERIOD. D. KEEP FORMS SUFFICIENTLY WET TO PREVENT CRACKING OF CONCRETE OR LOOSENING OF FORM JOINTS.
- A. CURE CONCRETE IN ACCORDANCE WITH ACI 308:
- 1. HORIZONTAL SURFACES:
 - a. SURFACES TO RECEIVE ADDITIONAL TOPPINGS OR SETTING BEDS: USE CURING PAPER METHOD. b. OTHER SURFACES: USE EITHER CURING PAPER OR CURING COMPOUND METHOD.
 - 2. VERTICAL SURFACES: USE EITHER WET CURING OR CURING COMPOUND METHOD. B. CURING COMPOUND METHOD:
 - 1. SPRAY COMPOUND ON SURFACES IN TWO COATS, APPLYING SECOND AT RIGHT ANGLE TO FIRST, AT MINIMUM RATE RECOMMENDED BY MANUFACTURER.
 - 2. RESTRICT TRAFFIC ON SURFACES DURING CURING. C. CURING PAPER METHOD:
 - 1. SPREAD CURING PAPER OVER SURFACES, LAPPING ENDS AND SIDES MINIMUM 4 INCHES; MAINTAIN IN PLACE BY USE OF WEIGHTS.
- 2. REMOVE PAPER AFTER CURING. D. WET CURING METHOD: SPRAY WATER OVER SURFACES AND MAINTAIN WET FOR 7 DAYS.
- A. REMOVE EFFLORESCENCE, STAINS, OIL, GREASE, AND FOREIGN MATERIALS FROM EXPOSED SURFACES.
- 3.7 FIELD QUALITY CONTROL A. TESTING AND INSPECTION SERVICES:
 - CERTIFY FACH DELIVERY TICKET.
 - 2. RECORD TIME AT WHICH CONCRETE WAS DISCHARGED FROM TRUCK. 3. MONITOR AND RECORD AMOUNT OF WATER AND WATER REDUCING ADMIXTURE ADDED
 - TO CONCRETE AT PROJECT SITE 4. DETERMINE AMBIENT TEMPERATURE AND TEMPERATURE OF CONCRETE SAMPLE FOR
 - EACH SET OF TEST CYLINDERS.
 - 5. TEST CYLINDERS: a. MAKE TEST CYLINDERS IN ACCORDANCE WITH ASTM C172; ONE SET OF 3 CYLINDERS

- FOR EACH 100 CUBIC YARDS OR FRACTION THEREOF PLACED IN ANY ONE DAY, FOR
- EACH DIFFERENT CLASS OF CONCRETE. b. MOLD AND CURE CYLINDERS IN ACCORDANCE WITH ASTM C31: TEST CYLINDERS IN ACCORDANCE WITH ASTM C39; ONE AT 7 DAYS AND TWO AT 28 DAYS. 6. SLUMP TESTS: MAKE SLUMP TESTS AT BEGINNING OF EACH DAY'S PLACEMENT AND FOR
- FACH SET OF TEST CYLINDERS IN ACCORDANCE WITH ASTM C143. 7. AIR CONTENT: DETERMINE TOTAL AIR CONTENT OF AIR ENTRAINED CONCRETE FOR EACH STRENGTH TEST IN ACCORDANCE WITH ASTM C231.

SECTION 05 5000 METAL FABRICATIONS

PART 1 GENERAL

- 1.1 SUMMARY A. SECTION INCLUDES:
- 1. LADDERS.
- 2. BOLLARDS. 1.3 SUBMITTALS
- A. SUSTAINABLE DESIGN SUBMITTALS: REGIONAL MATERIALS.
- 2. RECYCLED CONTENT PRODUCT DATA FOR CREDIT: INDICATING PERCENTAGES BY WEIGHT OF POSTCONSUMER AND PRE CONSUMER RECYCLED CONTENT FOR PRODUCTS HAVING

PRODUCTS

1.1 MATERIALS - STEEL A. SHAPES: ASTM A36/A36M

RECYCLED CONTENT

- B. PIPE BOLLARDS: ASTM A53.
- 1.4" DIAMETER THICKNESS, .432 WEIGHT PER FOOT, 28.57 LBS., A.S.A. SCHEDULE 80. C. BARS: ASTM A108.
- D. RECYCLED CONTENT: POSTCONSUMER RECYCLED CONTENT PLUS ONE-HALF OF PRE CONSUMER RECYCLED CONTENT NOT LESS THAN [20] PERCENT
- 1.1 FABRICATION A. GRIND EXPOSED JOINTS FLUSH AND SMOOTH WITH ADJACENT FINISH SURFACE. MAKE EXPOSED JOINTS BUTT TIGHT, FLUSH, AND HAIRLINE. EASE EXPOSED EDGES TO SMALL
- UNIFORM RADIUS. B. SUPPLY COMPONENTS REQUIRED FOR ANCHORAGE OF FABRICATIONS. FABRICATE ANCHORS AND RELATED COMPONENTS OF SAME MATERIAL AND FINISH AS FABRICATION, EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE.
- C. CONCEAL FASTENINGS WHERE POSSIBLE. 1.2 FINISHES
- A. EXTERIOR FERROUS METAL: GALVANIZED; ASTM A123/A123M, TO 1.3 OUNCES PER

PART 2 EXECUTION

2.1 INSTALLATION A. INSTALL COMPONENTS PLUMB, LEVEL, AND RIGID.

2.2 SCHEDULE

1.4 SUBMITTALS

1.5 QUALITY ASSURANCE

- I. SIDE RAILS: CONTINUOUS STEEL FLAT BARS, 1/2 X 2-1/2 INCHES, EASED EDGES, SPACED 18 INCHES APART.
- II. RUNGS: ROUND STEEL BARS, 3/4 INCH DIAMETER, SPACED 12 INCHES ON CENTER. FIT RUNGS IN CENTERLINE OF SIDE RAILS AND PLUG WELD ON OUTER RAIL FACE.
- III. SUPPORT LADDERS AT TOP, BOTTOM, AND AT INTERMEDIATE POINTS SPACED MAXIMUM 5'-0" ON CENTER WITH STEEL BRACKETS, BOLTED TO SUPPORTS.
- B. BOLLARDS: I. FABRICATE FROM STEEL PIPE OF SIZES INDICATED.
- II. SET INTO CONCRETE FOOTING.
- III. FILL PIPE WITH CONCRETE; ROD TO CONSOLIDATE. DOME TOP TO SHED WATER.
- IV. PIPE TO BE FILLED WITH CONCRETE TO A 1.5 INCH DOME TOP GROUND SMOOTH. CONCRETE TO PROVIDE A MINIMUM OF 3000 P.S.I. COMPRESSIVE STRENGTH. V. PIPE TO BE PRIMED WITH ONE COAT OF METAL PRIMER IRON CLAD GALVANIZED AND
- PROVIDED WITH A PLASTIC SLEEVE SEE NATIONAL ACCOUNTS.

COMPOSITE WALL PANELS

A. EXTERIOR, PANELIZED FIBER CEMENT CLADDING SYSTEM AND ACCESSORIES TO

B. PRODUCT DATA: SUBMIT MANUFACTURER'S PRODUCT DESCRIPTION, STORAGE AND

C. PRODUCT TEST REPORTS AND CODE COMPLIANCE: DOCUMENTS DEMONSTRATING

EVALUATION REPORTS FROM QUALIFIED, INDEPENDENT TESTING AGENCIES.

D. LEED CREDITS: PROVIDE DOCUMENTATION OF LEED CREDITS FOR PROJECT

CERTIFICATION UNDER USGBC LEED 2009 (VERSION 3.0) OR 2012 V.4.

AND CONTROL JOINTS, CORNERS, OPENINGS, AND PENETRATIONS.

F. SAMPLES: SUBMIT SAMPLES OF EACH PRODUCT TYPE PROPOSED FOR USE.

1. ALL FIBER CEMENT PANELS SPECIFIED IN THIS SECTION MUST BE SUPPLIED BY A

MANUFACTURER WITH A MINIMUM OF 10 YEARS OF EXPERIENCE IN FABRICATING AND

a. PRODUCTS COVERED UNDER THIS SECTION ARE TO BE MANUFACTURED IN AN ISO

INSTALLED BY A SINGLE INSTALLER TRAINED BY MANUFACTURER OR REPRESENTATIVE.

C. MOCK-UP WALL: PROVIDE A MOCK-UP WALL AS EVALUATION TOOL FOR PRODUCT AND

CONFERENCE TO VERIFY AND DISCUSS SUBSTRATE CONDITIONS, MANUFACTURER'S

A. PANELS MUST BE STORED FLAT AND KEPT DRY BEFORE INSTALLATION. A WATERPROOF

COVER OVER PANELS AND ACCESSORIES SHOULD BE USED AT ALL TIMES PRIOR TO

B. IF PANELS ARE EXPOSED TO WATER OR WATER VAPOR PRIOR TO INSTALLATION, ALLOW

C. PANELS MUST BE CARRIED ON EDGE. DO NOT CARRY OR LIFT PANELS FLAT. IMPROPER

TIMES. IT IS NECESSARY TO KEEP PANELS CLEAN DURING INSTALLATION PROCESS.

A. PROVIDE MANUFACTURER'S 15-YEAR WARRANTY AGAINST MANUFACTURED DEFECTS IN

B. PROVIDE MANUFACTURER'S 15-YEAR WARRANTY AGAINST MANUFACTURED DEFECTS IN

C. WARRANTY PROVIDES FOR THE ORIGINAL PURCHASER. SEE WARRANTY FOR DETAILED

A. ACCEPTABLE MANUFACTURER: NICHIHA CORPORATION, 18-19 NISHIKI 2-CHOME NAKA-KU

B. ACCEPTABLE MANUFACTURER'S REPRESENTATIVE: NICHIHA USA, INC., 6465 E. JOHNS

CROSSING, SUITE 250, JOHNS CREEK, GA 30097. TOLL FREE: 1.866.424.4421, OFFICE:

a. PROFILE COLORS: STEEL, BAMBOO, WALNUT, PEWTER, OR DESIGNER-SPECIFIED

I. MANUFACTURED CORNERS WITH 3-1/2" RETURNS FOR EACH PROFILE COLOR.

II. ALUMINUM TRIM OPTIONS: CORNER KEY, OPEN OUTSIDE CORNER, H-MOLD,

c. DIMENSIONS - AWP-1818: 455MM (17-7/8") (H) X 1,818 MM (71-9/16") (L).

FIBER CEMENT PANELS. ADDITIONAL 5-YEAR EXTENSION AVAILABLE WHEN REFINISHED

INSTALLATION. DO NOT STACK PALLETS MORE THAN TWO HIGH. REFER TO THE

SHRINKAGE AT SHIP LAP JOINTS, AND SUCH ACTION MAY VOID WARRANTY.

2. PROVIDE TECHNICAL AND DESIGN SUPPORT AS NEEDED REGARDING INSTALLATION

B. INSTALLER QUALIFICATIONS: ALL PRODUCTS LISTED IN THIS SECTION ARE TO BE

D. PRE-INSTALLATION MEETINGS: PRIOR TO BEGINNING INSTALLATION, CONDUCT

INSTALLATION INSTRUCTIONS AND WARRANTY REQUIREMENTS, AND PROJECT

PRODUCT COMPLIANCE WITH LOCAL BUILDING CODE, SUCH AS TEST REPORTS OR

E. MANUFACTURER'S DETAILS: SUBMIT DRAWINGS (.DWG, .RVT, AND/OR .PDF FORMATS),

INCLUDING PLANS, SECTIONS, SHOWING INSTALLATION DETAILS THAT DEMONSTRATE

PRODUCT DIMENSIONS, EDGE/TERMINATION CONDITIONS/TREATMENTS, COMPRESSION

B. INTERIOR FIBER CEMENT PANELIZED CLADDING SYSTEM AND ACCESSORIES.

COMPLETE A DRAINED AND BACK-VENTILATED RAINSCREEN.

HANDLING REQUIREMENTS, AND INSTALLATION INSTRUCTIONS.

A. SUBMIT UNDER PROVISIONS OF SECTION 01 33 00.

A. MANUFACTURER QUALIFICATIONS:

9001 CERTIFIED FACILITY.

INSTALLATION WORKMANSHIP.

REQUIREMENTS

1.6 DELIVERY, STORAGE, AND HANDLING

IN YEAR 14-15.

NAGOYA, AICHI 460-8610, JAPAN.

CUSTOM COLOR.

FINISH: MATTE BLACK.

PART II: PRODUCTS

2.1 MANUFACTURERS

SUPPLYING FIBER CEMENT CLADDING SYSTEMS.

INFORMATION INCLUDED ON EACH PALLET.

HANDLING MAY CAUSE CRACKING OR PANEL DAMAGE.

INFORMATION ON TERMS, CONDITIONS AND LIMITATIONS.

770.805.9466, FAX: 770.805.9467, WWW.NICHIHA.COM.

1. BASIS OF DESIGN PRODUCT: NICHIHA TUFFBLOCK.

J-MOLD, COMPRESSION JOINT, INSIDE CORNER

1. FINISH: CUSTOM COLOR, CLEAR ANODIZED, OR PRIMED

III. ESSENTIAL FLASHING SYSTEM: STARTER, OVERHANG.

b. ACCESSORY/COMPONENT OPTIONS:

REQUIREMENTS AND WARRANTY COMPLIANCE PROVISIONS.

- VI. ALL PIPE BOLLARDS SHOULD BE PLACED A MINIMUM OF 18" BELOW FINISH GRADE, HAVE A MINIMUM HEIGHT OF 36" INCHES ABOVE FINISHED GRADE AND SPACED AS SHOWN ON SITE DRAWINGS.
 - 3. CORNER CLIPS: JE 777C (10MM RAINSCREEN FOR 5/8" AWP MANUFACTURED CORNERS) -ZINC-ALUMINUM-MAGNESIUM ALLOY COATED STEEL. 4. SINGLE FLANGE SEALANT BACKER - FHK 1015 R (10MM) - 6.5' (L) FLUORINE COATED

2.4 INSTALLATION COMPONENTS

A. ULTIMATE CLIP SYSTEM:

VERTICAL JOINTS.

GALVALUME. 5. DOUBLE FLANGE SEALANT BACKER - FH 1015 R (10MM) - 10' (L) FLUORINE COATED

2. PANEL CLIPS: JEL 778 "ULTIMATE CLIP II" (10MM RAINSCREEN FOR 5/8" AWP) -

GALVALUME.

d. PANEL THICKNESS: 16 MM (5/8").

f. WEIGHT: 35.27 LBS. PER PANEL.

C. SUBSTITUTIONS: NOT PERMITTED.

WOOD FIBER BUNDLES.

2.3 PERFORMANCE REQUIREMENTS:

REQUIREMENTS:

DEFECTS OBSERVED.

2.2 MATERIALS

g. COVERAGE: 8.88 SQ. FT. PER PANEL

PROVISIONS OF SECTION 01 60 00.

JOINTS CONTAIN A FACTORY SEALANT.

B. PANEL SURFACE PRE-FINISHED AND MACHINE APPLIED.

3. FREEZE-THAW: NO DAMAGE OR DEFECTS OBSERVED.

JOINT CHANGES OBSERVED IN ANY SPECIMEN.

PRESSURES BASED ON PROJECT SPECIFICS.

ACCEPTANCE CRITERIA OF CAN/ULC S-134.

ZINC-ALUMINUM-MAGNESIUM ALLOY COATED STEEL.

1. MINIMUM LATERAL DEFLECTION: L/120.

h. FACTORY SEALED ON SIX [6] SIDES.

e. FINISH: MATTE, MODERATELY TEXTURED.

D. REQUESTS FOR SUBSTITUTIONS WILL BE CONSIDERED IN ACCORDANCE WITH

A. FIBER CEMENT PANELS MANUFACTURED FROM A PRESSED, STAMPED, AND

VERTICAL JOINTS BETWEEN THE INSTALLED PANELS ARE SHIP-LAPPED.

1. WET FLEXURAL STRENGTH: RESULT: 1418 PSI, LOWER LIMIT: 1015 PSI.

2. WATER TIGHTNESS: NO WATER DROPLETS OBSERVED ON ANY SPECIMEN.

C. PANELS PROFILED ALONG ALL FOUR EDGES, SUCH THAT BOTH HORIZONTAL AND

D. FACTORY-APPLIED SEALANT GASKET ADDED TO TOP AND RIGHT PANEL EDGES; ALL

A. FIBER CEMENT CLADDING - MUST COMPLY WITH ASTM C-1186, TYPE A, GRADE II

4. WARM WATER: NO EVIDENCE OF CRACKING, DELAMINATION, SWELLING, OR OTHER

5. HEAT-RAIN: NO CRAZING, CRACKING, OR OTHER DELETERIOUS EFFECTS, SURFACE OR

B. MEAN COEFFICIENT OF LINEAR THERMAL EXPANSION (ASTM E-228): MAX 1.0*10^-5 IN./IN.

C. SURFACE BURNING (CAN-ULC S102/ASTM E-84): FLAME SPREAD: 0, SMOKE DEVELOPED: 0

ATTACHMENT CLIPS. PROJECT ENGINEER(S) MUST DETERMINE ZONE 4 AND 5 DESIGN

E. WATER PENETRATION (ASTM E-331): NO WATER LEAKAGE OBSERVED INTO WALL CAVITY.

60-MINUTE FIRE EXPOSURE WITHOUT DEVELOPING EXCESSIVE UNEXPOSED SURFACE

TEMPERATURE OR ALLOWING FLAMING ON THE UNEXPOSED SIDE OF THE ASSEMBLY.

I. FIRE PROPAGATION (NFPA 285): WALL ASSEMBLY OF NICHIHA AWP, ULTIMATE CLIPS AND

18 GAUGE STEEL STUDS, MINERAL WOOL IN-CAVITY INSULATION, AND INTERIOR 5/8"

J. FIRE PROPAGATION (CAN/ULC S-134): WALL ASSEMBLY OF NICHIHA AWP, ULTIMATE CLIPS

K. DRAINED AND BACK VENTILATED RAINSCREEN (AAMA 509-14): SYSTEM CLASSIFICATIONS:

L. FLORIDA BUILDING CODE - TEST PROTOCOL HVHZ (TAS 202, 203): DESIGN PRESSURE: 95

1. STARTER TRACK: FA 700 (10MM RAINSCREEN) - 3030MM (L) GALVALUME COATED STEEL.

a. JOINT TAB ATTACHMENTS (INCLUDED) - USED AT ALL AWP-1818 PANEL TO PANEL

FIBERGLASS IN-CAVITY INSULATION, AND INTERIOR 5/8" TYPE X GYPSUM MET THE

STARTER TRACK, TYVEK COMMERCIAL WRAP, 1/2" DENSGLASS GOLD SHEATHING, 16" O.C.

AND STARTER TRACK, TYVEK HOUSEWRAP, 5/8" FRT PLYWOOD, 16" O.C. 2X WOOD STUDS,

F. STEADY-STATE HEAT FLUX AND THERMAL TRANSMISSION PROPERTIES TEST (ASTM

G. FIRE RESISTANT (ASTM E-119): THE WALL ASSEMBLY MUST SUCCESSFULLY ENDURE

H. IGNITION RESISTANCE (NFPA 268): NO SUSTAINED FLAMING OF PANELS, ASSEMBLY

WHEN SUBJECTED TO A MINIMUM RADIANT HEAT FLUX OF 12.5 KW/M2 ± 5% IN THE

C-518): 16MM THICK PANEL THERMAL RESISTANCE R VALUE OF 0.47.

PRESENCE OF A PILOT IGNITION SOURCE FOR A 20-MINUTE PERIOD.

TYPE X GYPSUM MET THE ACCEPTANCE CRITERIA OF NFPA 285.

D. WIND LOAD (ASTM E-330): CONTACT MANUFACTURER FOR ULTIMATE TEST PRESSURE

DATA CORRESPONDING TO FRAMING TYPE, DIMENSIONS, FASTENER TYPE, AND

AUTOCLAVED MIX OF PORTLAND CEMENT, FLY ASH, SILICA, RECYCLED REJECTS, AND

- 6. CORRUGATED SPACER FS 1005 (5MM), FS 1010 (10MM) 4' (L). B. ALUMINUM TRIM (OPTIONAL): PAINT AS SPECIFIED IN FINISH SCHEDULE.
- C. ESSENTIAL FLASHING SYSTEM (OPTIONAL): 1. STARTER - MAIN SEGMENTS (3030MM), INSIDE CORNERS, OUTSIDE CORNERS
- 2. OVERHANG MAIN SEGMENTS (3030MM), INSIDE CORNERS, OUTSIDE CORNERS, JOINT D. FASTENERS: CORROSION RESISTANT FASTENERS, SUCH AS HOT-DIPPED GALVANIZED SCREWS APPROPRIATE TO LOCAL BUILDING CODES AND PRACTICES MUST BE USED. USE STAINLESS STEEL FASTENERS IN HIGH HUMIDITY AND HIGH-MOISTURE REGIONS.

PANEL MANUFACTURER IS NOT LIABLE FOR CORROSION RESISTANCE OF FASTENERS.

- DO NOT USE ALUMINUM FASTENERS, STAPLES OR FASTENERS THAT ARE NOT RATED OR DESIGNED FOR INTENDED USE. SEE MANUFACTURER'S INSTRUCTIONS FOR APPROPRIATE FASTENERS FOR CONSTRUCTION METHOD USED.
- E. FLASHING: FLASH ALL AREAS SPECIFIED IN MANUFACTURER'S INSTRUCTIONS. DO NOT USE RAW ALUMINUM FLASHING. FLASHING MUST BE GALVANIZED, ANODIZED, OR PVC
- F. SEALANT: SEALANT SHALL COMPLY WITH ASTM C920, CLASS 35.

PART III: EXECUTION

- A. VERIFICATION OF CONDITIONS:
- 1. FIBER CEMENT PANELS CAN BE INSTALLED OVER BRACED WOOD, STEEL STUDS AND SHEATHING INCLUDING PLYWOOD. OSB. PLASTIC FOAM OR FIBERBOARD SHEATHING. FIBER CEMENT PANELS CAN ALSO BE INSTALLED OVER STRUCTURAL INSULATED PANELS (SIP'S), CONCRETE MASONRY UNITS (CMU'S) AND CONCRETE BLOCK STRUCTURES (CBS'S)
- WITH FURRING STRIPS, AND PRE-ENGINEERED METAL CONSTRUCTION. INSULATED CONCRETE FORMS (ICFS) ARE NOT AN APPROVED SUBSTRATE UNDER ANY CONDITION.
- 2. ALLOWABLE STUD SPACING: 16" O.C. MAXIMUM. 3. A WEATHER RESISTIVE BARRIER IS REQUIRED WHEN INSTALLING FIBER CEMENT PANELS. USE AN APPROVED WEATHER RESISTIVE BARRIER (WRB) AS DEFINED BY THE 2015 IBC OR
- IRC. REFER TO LOCAL BUILDING CODES. 4. APPROPRIATE METAL FLASHING SHOULD BE USED TO PREVENT MOISTURE PENETRATION AROUND ALL DOORS, WINDOWS, WALL BOTTOMS, MATERIAL TRANSITIONS AND PENETRATIONS. REFER TO LOCAL BUILDING CODES FOR BEST PRACTICES.

B. EXAMINE SITE TO ENSURE SUBSTRATE CONDITIONS ARE WITHIN ALIGNMENT

- TOLERANCES FOR PROPER INSTALLATION. C. DO NOT BEGIN INSTALLATION UNTIL UNACCEPTABLE CONDITIONS HAVE BEEN
- D. DO NOT INSTALL PANELS OR COMPONENTS THAT APPEAR TO BE DAMAGED OR DEFECTIVE. DO NOT INSTALL WET PANELS.
- TO COMPLETELY DRY BEFORE INSTALLING. FAILURE TO DO SO MAY RESULT IN PANEL 3.2 TOLERANCE A. WALL SURFACE PLANE MUST BE PLUMB AND LEVEL WITHIN +/- 1/4 INCH IN 20 FEET IN ANY
- 1. ONE LAYER OF NICHIHA 5MM (~3/16") SPACER MAY BE USED AS SHIM. D. DIRECT CONTACT BETWEEN THE PANELS AND THE GROUND SHOULD BE AVOIDED AT ALL

 3.3 INSTALLATION
 - A. GENERAL: INSTALL PRODUCTS IN ACCORDANCE WITH THE LATEST INSTALLATION GUIDELINES OF THE MANUFACTURER AND ALL APPLICABLE BUILDING CODES AND OTHER LAWS, RULES, REGULATIONS AND ORDINANCES. REVIEW ALL MANUFACTURER INSTALLATION, MAINTENANCE INSTRUCTIONS, AND OTHER APPLICABLE DOCUMENTS
 - BEFORE INSTALLATION. 1. CONSULT WITH YOUR LOCAL DEALER OR NICHIHA TECHNICAL DEPARTMENT BEFORE INSTALLING ANY NICHIHA FIBER CEMENT PRODUCT ON A BUILDING HIGHER THAN 45 FEET OR THREE STORIES OR FOR CONDITIONS NOT MATCHING PRESCRIBED STANDARD INSTALLATION GUIDE REQUIREMENTS AND METHODS. SPECIAL INSTALLATION

CONDITIONS MAY BE REQUIRED VIA A TECHNICAL REVIEW AND SPECIAL APPLICATIONS

- FORM (SAF) PROCESS. 2. VERTICAL CONTROL/EXPANSION JOINTS ARE REQUIRED WITHIN 2-10 FEET OF OUTSIDE CORNERS FINISHED WITH METAL TRIM AND APPROXIMATELY EVERY 30 FEET
- 3. HORIZONTAL/COMPRESSION JOINTS ARE REQUIRED FOR MULTI-STORY INSTALLATIONS OF AWP. LOCATE JOINTS AT FLOOR LINES. JOINTS ARE FLASHED MINIMUM 1/2" BREAKS. DO NOT CAULK. REFER TO INSTALLATION GUIDE(S).
- A. WOOD FRAMED BUILDINGS OF THREE OR MORE FLOORS REQUIRE A COMPRESSION JOINT AT EACH FLOOR. B. STEEL FRAMED BUILDINGS (INCLUDING REINFORCED CONCRETE CORE WITH LGMF EXTERIOR WALLS) OF MORE THAN THREE FLOORS (OR 45 FEET) REQUIRE A
- B. PANEL CUTTING
- 1. ALWAYS CUT FIBER CEMENT PANELS OUTSIDE OR IN A WELL VENTILATED AREA. DO NOT CUT THE PRODUCTS IN AN ENCLOSED AREA.

COMPRESSION JOINT EVERY 25 FEET AT A FLOOR LINE.

2. ALWAYS WEAR SAFETY GLASSES AND NIOSH/OSHA APPROVED RESPIRATOR WHENEVER CUTTING, DRILLING, SAWING, SANDING OR ABRADING THE PRODUCTS. REFER TO MANUFACTURER SDS FOR MORE INFORMATION.

- 3. USE A DUST-REDUCING CIRCULAR SAW WITH A DIAMOND-TIPPED OR CARBIDE-TIPPED
- A. RECOMMENDED CIRCULAR SAW: MAKITA 7-1/4" CIRCULAR SAW WITH DUST COLLECTOR
- (#5057KB).
- B. RECOMMENDED BLADE: TENRYU BOARD-PRO PLUS PCD BLADE (#BP-18505).
- C. SHEARS (ELECTRIC OR PNEUMATIC) OR JIG SAW CAN BE USED FOR COMPLICATED
- CUTTINGS, SUCH AS SERVICE OPENINGS, CURVES, RADII AND SCROLLWORK. 4. SILICA DUST WARNING: FIBER CEMENT PRODUCTS MAY CONTAIN SOME AMOUNTS OF CRYSTALLINE SILICA, A NATURALLY OCCURRING, POTENTIALLY HAZARDOUS MINERAL
- WHEN AIRBORNE IN DUST FORM. CONSULT PRODUCT SDS OR VISIT HTTPS://WWW.OSHA.GOV/DSG/TOPICS/SILICACRYSTALLINE/. 3.4 CLEANING AND MAINTENANCE
 - A. REVIEW MANUFACTURER GUIDELINES FOR DETAILED CARE INSTRUCTIONS.

MINERAL-FIBER CEMENT SIDING

SECTION 07 4646

PART 1 GENERAL

- 1.1 SUMMARY
 - A. SECTION INCLUDES: 1. MINERAL-FIBER CEMENT SIDING AND TRIM.
- 2. TRIM, ANCHORAGE, AND ACCESSORIES. 1.2 SUBMITTALS
- A. SUBMITTALS FOR REVIEW:
- 1. PRODUCT DATA: INDICATE PROFILES, SIZES, FASTENING METHODS, SURFACE TEXTURE,
- 2. WARRANTY: SAMPLE WARRANTY FORM
- B. SUSTAINABLE DESIGN SUBMITTALS: 1. REGIONAL MATERIALS.
- 1.3 QUALITY ASSURANCE A. INSTALLER QUALIFICATIONS: MINIMUM 3 YEARS DOCUMENTED EXPERIENCE IN WORK OF THIS SECTION.
- A FURNISH MANUFACTURER'S WARRANTY MADE OUT IN OWNER'S NAME WITH COPY TO OWNER, PROVIDING COVERAGE AGAINST CRACKING, ROTTING, OR DELAMINATION OF

PART 2 PRODUCTS

- 2.1 MANUFACTURERS A. ACCEPTABLE MANUFACTURERS:
 - 1. JAMES HARDIE BUILDING PRODUCTS INC. WWW.JAMESHARDIE.COM 2. APPROVED EQUAL - TO BE CONSIDERED AND APPROVED BY ARCHITECT.

2.2 MATERIALS A. MINERAL-FIBER CEMENT SIDING:

- 1. ASTM C1186, GRADE II, TYPE A; FORMULATED FROM PORTLAND CEMENT, GROUND SAND, CELLULOSE FIBERS, ADDITIVES, AND WATER; FORMED UNDER PRESSURE TO REQUIRED
- 2. FINISH: FACTORY PRIME PAINTED. 3. FIRE HAZARD CLASSIFICATION: CLASS A, TESTED TO ASTM E84.
- 4. LAP SIDING: a. SIZE: 7 1/4" INCH HIGH (6 INCH EXPOSURE) X 12 FEET LONG (SEE DRAWINGS).
- b. THICKNESS: 5/16 INCH. c. SURFACE TEXTURE: SMOOTH.
- 5. TRIM: a. SIZE: 3 INCHES WIDE X MAXIMUM PRACTICAL LENGTH.
- b. THICKNESS: 7/16 INCH. c. SURFACE TEXTURE: SMOOTH.
- A. FASTENERS: TYPE RECOMMENDED BY SIDING MANUFACTURER. B. SHEET METAL FLASHINGS AND TRIM: SPECIFIED IN SECTION 07 6200.
- C. JOINT SEALERS: SPECIFIED IN SECTION 07 9200.
- PART 3 EXECUTION 3.1 INSTALLATION - LAP SIDING

2.3 ACCESSORIES

A. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS B. INSTALL SIDING WITH 10 INCH EXPOSURE (SEE DRAWINGS

INCHES ON CENTER MAXIMUM.

- C. LAP SIDING FOR NATURAL WATER SHED. D. BUTT JOINTS TIGHT.
- F. CUT SIDING TO FIT AT PERIMETER AND AROUND PENETRATIONS WITH MAXIMUM 1/4 INCH GAPS. SMOOTH CUT EDGES. G. POSITION CUT ENDS OVER BEARING SURFACES.

H. INSTALL CORNER STRIPS, CLOSURES, AND TRIM AS SHOWN ON DRAWINGS.

- I. FASTEN AT MAXIMUM 12 INCHES ON CENTER. BLIND NAIL EXCEPT TRIM. J. INSTALL METAL FLASHINGS AT SILLS AND HEADS OF WALL OPENINGS. FASTEN AT 12
- K. APPLY JOINT SEALER BETWEEN SIDING AND TRIM AND ADJACENT SURFACES AS SPECIFIED IN SECTION 07 9200. ENSURE WATERTIGHT CONDITION.
- 3.2 INSTALLATION TRIM
 - A. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. B. BUTT JOINTS TIGHT.
 - C. SET PLUMB AND LEVEL. D. CUT TO FIT AT PERIMETER AND AROUND PENETRATIONS WITH MAXIMUM 1/4 INCH GAPS.

E. FASTEN AT MAXIMUM 16 INCHES ON CENTER.

SECTION 07 9200

JOINT SEALERS

PART 1 GENERAL

1.1 SUMMARY A. SECTION INCLUDES:

SMOOTH CUT EDGES.

- JOINT BACKUP MATERIALS.
- JOINT SEALERS. 1.3 SUBMITTALS A. SUBMITTALS FOR REVIEW:
- 1. PRODUCT DATA: INDICATE SEALERS, PRIMERS, BACKUP MATERIALS, BOND BREAKERS, AND ACCESSORIES PROPOSED FOR USE. B. SUSTAINABLE DESIGN SUBMITTALS:
- REGIONAL MATERIALS. LOW-EMITTING MATERIALS.
- 1.4 QUALITY ASSURANCE A. MAXIMUM VOLATILE ORGANIC COMPOUND (VOC) CONTENT; INTERIOR SEALERS AND
- ACCESSORIES:
- 1. SEALANTS: 250 GRAMS PER LITER. 2. PRIMERS FOR NON-POROUS SUBSTRATES: 250 GRAMS PER LITER. 3. PRIMERS FOR POROUS SUBSTRATES: 775 GRAMS PER LITER.

A. DO NOT APPLY SEALERS AT TEMPERATURES BELOW 40 DEGREES F UNLESS APPROVED BY SEALER MANUFACTURER.

MANUFACTURER

B. JOINT BACKING:

PRODUCTS

1.5 PROJECT CONDITIONS

- 2.1 MATERIALS 1. ASTM C920, GRADE NS, SINGLE COMPONENT BUTYL RUBBER TYPE, NON SAG.
 - 2. MOVEMENT CAPABILITY: PLUS OR MINUS 12-1/2 PERCENT. 3. COLOR: TO BE SELECTED FROM MANUFACTURER'S FULL COLOR RANGE, MATCH ADJACENT FINISH.
- B. JOINT SEALER TYPE 2: 1. ASTM C920, GRADE NS, SINGLE COMPONENT SILICONE, NON SAG, MILDEW RESISTANT. 2. MOVEMENT CAPABILITY: PLUS OR MINUS 25 PERCENT.
- 3. COLOR: TO BE SELECTED FROM MANUFACTURER'S FULL COLOR RANGE, MATCH ADJACENT FINISH.

A. PRIMERS, BONDBREAKERS, AND SOLVENTS: AS RECOMMENDED BY SEALER

1. ASTM C1330. CLOSED CELL POLYETHYLENE FOAM. PREFORMED ROUND JOINT FILLER.

NON ABSORBING, NON STAINING, RESILIENT, COMPATIBLE WITH SEALER AND PRIMER, RECOMMENDED BY SEALER MANUFACTURER FOR EACH SEALER TYPE. 2. SIZE: MINIMUM 1.25 TIMES JOINT WIDTH.

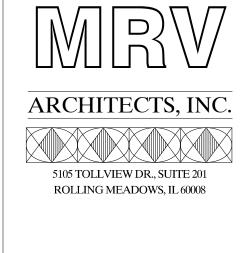
A. REMOVE LOOSE AND FOREIGN MATTER THAT COULD IMPAIR ADHESION. IF SURFACE HAS BEEN SUBJECT TO CHEMICAL CONTAMINATION, CONTACT SEALER MANUFACTURER FOR

- RECOMMENDATION
- B. CLEAN AND PRIME JOINTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. C. PROTECT ADJACENT SURFACES WITH MASKING TAPE OR PROTECTIVE COVERINGS.
- D. SEALER DIMENSIONS: 1. MINIMUM JOINT SIZE: 1/4 X 1/4 INCH.
- 2. JOINTS 1/4 TO 1/2 INCH WIDE: DEPTH EQUAL TO WIDTH. 3. JOINTS OVER 1/2 INCH WIDE: DEPTH EQUAL TO ONE HALF OF WIDTH.
- 3.2 APPLICATION
 - A. APPLY PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. B. INSTALL SEALERS AND ACCESSORIES IN ACCORDANCE WITH ASTM C1193. C. INSTALL JOINT BACKING TO MAINTAIN REQUIRED SEALER DIMENSIONS. COMPRESS

BACKING APPROXIMATELY 25 PERCENT WITHOUT PUNCTURING SKIN. DO NOT TWIST OR

- D. USE BONDBREAKER TAPE WHERE JOINT BACKING IS NOT INSTALLED. E. FILL JOINTS FULL WITHOUT AIR POCKETS, EMBEDDED MATERIALS, RIDGES, AND SAGS.
- F. TOOL SEALER TO SMOOTH PROFILE.
- G. APPLY SEALER WITHIN MANUFACTURER'S RECOMMENDED TEMPERATURE RANGE. 3.3 CLEANING

CLEAN ADJACENT SURFACES.



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CONSTRUCTION SPECIFICATIONS:

SECTION 09 9100 PAINTING

PART 1 GENERAL

1.1 SUMMARY

A. SECTION INCLUDES:

- TEXTURING OF GYPSUM BOARD. 2. SURFACE PREPARATION AND FIELD APPLICATION OF PAINTS.
- 1.2 SUBMITTALS
- A. SUSTAINABLE DESIGN SUBMITTALS:
- REGIONAL MATERIALS. LOW-EMITTING MATERIALS.
- 1.3 DELIVERY, STORAGE AND HANDLING
- A. PAINT MATERIALS: STORE AT AMBIENT TEMPERATURE FROM 45 TO 90 DEGREES F IN VENTILATED AREA, OR AS REQUIRED BY MANUFACTURER'S INSTRUCTIONS.
- A. DO NOT APPLY MATERIALS WHEN SURFACE AND AMBIENT TEMPERATURES OR RELATIVE
- HUMIDITY ARE OUTSIDE RANGES REQUIRED BY PAINT MANUFACTURER. B. MAINTAIN AMBIENT AND SUBSTRATE TEMPERATURES ABOVE MANUFACTURER'S MINIMUM
- REQUIREMENTS FOR 24 HOURS BEFORE, DURING AND AFTER PAINT APPLICATION. C. DO NOT APPLY MATERIALS WHEN RELATIVE HUMIDITY IS ABOVE 85 PERCENT OR WHEN DEW POINT IS LESS THAN 5 DEGREES F DIFFERENT THAN AMBIENT OR SURFACE TEMPERATURE.
- A. EXTRA MATERIALS: 1 GALLON OF EACH COLOR AND SHEEN.

D. PROVIDE LIGHTING LEVEL OF 30 FOOTCANDLES AT SUBSTRATE SURFACE

PART 2 PRODUCTS

- 2.1 MANUFACTURERS A. ACCEPTABLE MANUFACTURERS:
- 1. SHERWIN WILLIAMS. (WWW.SHERWIN-WILLIAMS.COM)
- B. SUBSTITUTIONS: NOT PERMITTED.
- 2.2 MATERIALS A. PAINTS:
- 1. AS SCHEDULED AT END OF SECTION, OR APPROVED SUBSTITUTE.
- 2. FREE FROM ALL FORMS OF LEAD AND MERCURY.
- 3. ALL PAINTS USED IN EITHER FOOD PREPARATION, SALES OR STORAGE AREAS MUST BE NON-TOXIC TO FOODS. 2.3 ACCESSORIES
- A. ACCESSORY MATERIALS: PAINT THINNERS AND OTHER MATERIALS REQUIRED TO ACHIEVE SPECIFIED FINISHES; COMMERCIAL QUALITY.
- B. PATCHING MATERIALS: LATEX FILLER.
- C. FASTENER HEAD COVER MATERIALS: LATEX FILLER.
- 2.3 MIXES A. DELIVER PAINTS PRE-MIXED AND PRE-TINTED.
- B. UNIFORMLY MIX TO THOROUGHLY DISPERSE PIGMENTS.
- C. DO NOT THIN IN EXCESS OF MANUFACTURER'S RECOMMENDATIONS.
- D. RE-MIX PAINT DURING APPLICATION; ENSURE COMPLETE DISPERSION OF SETTLED PIGMENT AND UNIFORMITY OF COLOR AND GLOSS.

PART 3 EXECUTION

3.1 EXAMINATION

- A. TEST SHOP APPLIED PRIMER FOR COMPATIBILITY WITH SUBSEQUENT COATINGS.
- B. MEASURE MOISTURE CONTENT OF SURFACES USING ELECTRONIC MOISTURE METER. DO NOT APPLY COATINGS UNLESS MOISTURE CONTENT OF SURFACES ARE BELOW FOLLOWING
- 1. GYPSUM BOARD AND PLASTER: 12 PERCENT.
- 2. WOOD: 15 PERCENT, MEASURED TO ASTM D4442. 3.2 PREPARATION

A. GENERAL:

- PROTECT ADJACENT AND UNDERLYING SURFACES.
- 2. REMOVE OR MASK ELECTRICAL PLATES, HARDWARE, LIGHT FIXTURE TRIM, ESCUTCHEONS, AND FITTINGS PRIOR TO PREPARING SURFACES OR FINISHING.
- 3. CORRECT DEFECTS AND CLEAN SURFACES CAPABLE OF AFFECTING WORK OF THIS
- 4. SEAL MARKS THAT MAY BLEED THROUGH SURFACE FINISHES WITH SHELLAC. B. IMPERVIOUS SURFACES: REMOVE MILDEW BY SCRUBBING WITH SOLUTION OF TRISODIUM
- PHOSPHATE AND BLEACH. RINSE WITH CLEAN WATER AND ALLOW TO DRY C. GYPSUM BOARD:
- 1. FILL MINOR DEFECTS WITH FILLER COMPOUND. SPOT PRIME DEFECTS AFTER REPAIR. D. PLASTER:
- 1. FILL HAIRLINE CRACKS, SMALL HOLES, AND IMPERFECTIONS WITH LATEX PATCHING PLASTER. FINISH SMOOTH AND FLUSH WITH ADJACENT SURFACES.
- 2. WASH AND NEUTRALIZE HIGH ALKALI SURFACES.
- E. ALUMINUM: SSPC METHOD SP1 SOLVENT CLEANING. F. UNCOATED FERROUS METALS: SSPC METHOD SP2 - HAND TOOL CLEANING OR METHOD SP3 -
- POWER TOOL CLEANING.
- G. SHOP PRIMED FERROUS METALS: 1. SSPC METHOD SP2 - HAND TOOL CLEANING OR METHOD SP3 - POWER TOOL CLEANING.
- 2. FEATHER EDGES TO MAKE PATCHES INCONSPICUOUS.
- 3. PRIME BARE STEEL SURFACES. H. INTERIOR WOOD:
- WIPE OFF DUST AND GRIT.
- 2. SEAL KNOTS, PITCH STREAKS, AND SAPPY SECTIONS WITH SEALER.
- 3. FILL NAIL HOLES AND CRACKS AFTER PRIMER HAS DRIED; SAND BETWEEN COATS.
- I. EXISTING SURFACES: 1. REMOVE LOOSE, FLAKING, POWDERY, AND PEELING PAINTS.
- 2. LIGHTLY SAND GLOSSY PAINTED SURFACES. 3. FILL HOLES, CRACKS, DEPRESSIONS AND OTHER IMPERFECTIONS WITH PATCHING
- COMPOUND; SAND FLUSH WITH SURFACE. 4. REMOVE OIL, GREASE, AND WAX BY SCRAPING; SOLVENT WASH AND THOROUGHLY RINSE. 5. REMOVE RUST BY WIRE BRUSHING TO EXPOSE BASE METAL.
- 3.3 APPLICATION A. APPLY PAINTS IN ACCORDANCE WITH MPI PAINTING MANUAL, PREMIUM GRADE FINISH
- REQUIREMENTS.
- B. APPLY PRIMER OR FIRST COAT CLOSELY FOLLOWING SURFACE PREPARATION TO PREVENT RECONTAMINATION.
- C. DO NOT APPLY FINISHES TO SURFACES THAT ARE NOT DRY.
- D. APPLY COATINGS TO MINIMUM DRY FILM THICKNESS RECOMMENDED BY MANUFACTURER.
- E. APPLY EACH COAT OF PAINT SLIGHTLY DARKER THAN PRECEDING COAT UNLESS SPECIFIED
- F. APPLY COATINGS TO UNIFORM APPEARANCE WITHOUT LAPS, SAGS, CURTAINS, HOLIDAYS, AND BRUSH MARKS.
- G. ALLOW APPLIED COATS TO DRY BEFORE NEXT COAT IS APPLIED.
- H. WHEN REQUIRED ON DEEP AND BRIGHT COLORS APPLY AN ADDITIONAL FINISH COAT TO ENSURE COLOR CONSISTENCY.
- CONTINUE PAINT FINISHES BEHIND WALL-MOUNTED ACCESSORIES. J. SAND BETWEEN COATS ON INTERIOR WOOD AND METAL SURFACES.
- K. MATCH FINAL COAT TO APPROVED COLOR SAMPLES. L. WHERE CLEAR FINISHES ARE SPECIFIED, TINT FILLERS TO MATCH WOOD. WORK FILLERS INTO
- GRAIN BEFORE SET. WIPE EXCESS FROM SURFACE.
- M. PRIME CONCEALED SURFACES OF EXTERIOR WOOD AND INTERIOR WOOD IN CONTACT WITH MASONRY OR CEMENTITIOUS MATERIALS] WITH ONE COAT PRIMER PAINT.
- N. MECHANICAL AND ELECTRICAL COMPONENTS:
- 1. PAINT FACTORY PRIMED EQUIPMENT. 2. REMOVE UNFINISHED AND PRIMED LOUVERS, GRILLES, COVERS, AND ACCESS PANELS; PAINT SEPARATELY.
- 3. PAINT EXPOSED AND INSULATED PIPES, CONDUIT, BOXES, DUCTS, HANGERS, BRACKETS,
- COLLARS, AND SUPPORTS UNLESS FACTORY FINISHED. 4. DO NOT PAINT NAME TAGS OR IDENTIFYING MARKINGS.
- 5. PAINT EXPOSED CONDUIT AND ELECTRICAL EQUIPMENT IN FINISHED AREAS.
- 6. PAINT DUCT WORK BEHIND LOUVERS, GRILLS, AND DIFFUSERS FLAT BLACK TO MINIMUM OF 18 INCHES OR BEYOND SIGHT LINE.
- 1. SURFACES INDICATED ON DRAWINGS OR SPECIFIED TO BE UNPAINTED OR UNFINISHED.
- 2. SURFACES WITH FACTORY APPLIED FINISH COAT OR INTEGRAL FINISH. 3. ARCHITECTURAL METALS, INCLUDING BRASS, BRONZE, STAINLESS STEEL, AND CHROME
- PLATING. 3.4 ADJUSTING

A. TOUCH UP OR REFINISH DISFIGURED SURFACES.

- 3.5 CLEANING
- A. REMOVE PAINT FROM ADJACENT SURFACES.
- 3.6 NEW BUILDING EXTERIOR FINISH SCHEDULE
- A. DOORS AND TRIM BACK DOOR
- GALVANIZED IRON, NEW PRIMER: PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER, B66-310 SERIES, <100 G/L VOC 1ST COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 G/L VOC 2ND COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 G/L VOC
- PRIME COAT: S-W DTM WASH PRIMER, B71Y1 (3.4 MILS. WET, 0.7 MILS. DRY) 1ST COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES 0 G/L VOC 2ND COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES 0 G/L VOC
- 3.7 NEW BUILDING INTERIOR FINISH SCHEDULE N/A
- 3.8 REMODELING SPECIFICATIONS EXTERIOR FINISH SCHEDULE (PAINTING OVER METAL) A. EXTERIOR METAL PANELS (ATAS)
- ALUMINUM, REPAINT- REFER TO SHERWIN WILLIAMS APPLICATION BULLETIN 1.23 AND 1.27 FOR DETAILED INFORMATION SPOT PRIME: SW PRO-CRYL UNIVERSAL PRIMER AT AREAS WHICH HAVE SIGNS OF RUST
- 1ST COAT: S-W BOND-PLEX ACRYLIC COATING 2ND COAT: S-W BOND-PLEX ACRYLIC COATING
- B. BACK DOOR (NEW, REPAINTED OR WEATHERED) PRIMER: PRO INDUSTRIAL PRO-CRYL UNIVERSAL PRIMER, B66-310 SERIES, <100 G/L VOC 1ST COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 G/L VOC 2ND COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 G/L VOC
- C. EXTERIOR WALLS
 - CMU (STANDARD) 1ST COAT: S-W PREPRITE BLOCK FILLER, B25W25 (75-125 SQ FT/GAL)
- 2ND COAT: S-W A-100 EXTERIOR LATEX GLOSS, A8 SERIES 3RD COAT: S-W A-100 EXTERIOR LATEX GLOSS, A8 SERIES (4 MILS WET, 1.4 MILS DRY PER COAT)
- 3.9 REMODELING SPECIFICATIONS INTERIOR FINISH SCHEDULE (REFER TO SECTION 3.6 FOR ALL WALLS, SOFFITS, CEILINGS, DOORS AND TRIMS NOT LISTED BELOW) A. DOORS AND TRIMS
 - HARMONY ZERO VOC WALL PRIMER, B11W1500, 0 G/L VOC 1ST COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 G/L VOC

2ND COAT: PRO INDUSTRIAL ZERO VOC ACRYLIC SEMI-GLOSS, B66-650 SERIES, 0 G/L VOC

SECTION 26 1000

ELECTRICAL

PART 1 GENERAL

- 1.1 WORK INCLUDED
- A. FURNISH ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR THE COMPLETE INSTALLATION OF THE ELECTRICAL SYSTEM AS SHOWN ON THE DRAWINGS, INCLUDING FINAL CONNECTIONS TO LESSEE'S OR FRANCHISE OWNER'S EQUIPMENT AND SIGNS, AS SPECIFIED HEREIN, IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, STATE ELECTRICAL CODE, THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY, AND ALL APPLICABLE CODES AND
- B. IT IS THE INTENT OF THIS SECTION OF THE SPECIFICATIONS AND ACCOMPANYING ELECTRICAL DRAWINGS TO REQUIRE THESE SYSTEMS TO BE FURNISHED COMPLETE IN EVERY RESPECT, FURNISH ALL WIRING AND EQUIPMENT NEEDED AND USUALLY FURNISHED
- IN CONNECTION WITH SUCH WORK, WHETHER SPECIFICALLY MENTIONED OR NOT. A. PROCURE ALL NECESSARY PERMITS FOR WORK INSTALLED; PAY ALL FEES AND CHARGES
- CONNECTED HEREIN. DELIVER CERTIFICATES OF APPROVAL BY AUTHORITIES HAVING JURISDICTION OVER WORK, TO THE OWNER, BEFORE THE WORK WILL BE FINALLY ACCEPTED. 1.3 FRANCHISE OWNER'S EQUIPMENT AND SIGNS
- EQUIPMENT AND FURNISH AND INSTALL ANY FITTINGS OR INCIDENTAL ACCESSORIES THAT MAY BE NECESSARY OR THAT MAY BE REQUIRED BY LOCAL CODES FOR COMPLETING FINAL CONNECTIONS AND MAKING EQUIPMENT READY FOR OPERATION

A. MAKE FINAL CONNECTIONS TO ALL LESSEE'S OR FRANCHISE OWNER'S SIGNS AND

- B. COORDINATE WITH THE APPROVED SIGN INSTALLATION COMPANY AND, IN CONJUNCTION WITH THE SIGN COMPANY, MAKE FINAL CONNECTIONS TO SIGNS AT THE TIME OF
- INSTALLATION. 1.4 UNDER-SLAB UTILITIES

2.1 SERVICE MATERIAL

2.2 WIRES

- A. DIMENSIONS FOR ALL UNDER-SLAB UTILITIES ARE CRITICAL FOR LATER EQUIPMENT INSTALLATION. CROSS REFERENCE ALL DRAWINGS AND EQUIPMENT SPECIFICATIONS WITH THIS WORK INCLUDING THE ELEVATIONS SHOWING DIMENSIONAL LOCATION OF ALL STUBS FOR EQUIPMENT
- 1.5 ALL-ELECTRICAL BUILDING A. IN AREAS WHERE NO GAS SERVICE IS AVAILABLE AND ELECTRICITY IS REQUIRED FOR
- COOKING AND HEATING, ARCHITECT WILL FURNISH DRAWINGS FOR AN ALL-ELECTRIC BUILDING, WITH INCREASED SIZING OF ELECTRIC SERVICE AND EQUIPMENT TO SUIT. 1.6 GUARANTEES AND INSTRUCTIONS
- A. GUARANTEE ALL EQUIPMENT, SYSTEMS AND WORK FURNISHED AND INSTALLED UNDER THIS SECTION FOR A PERIOD OF ONE (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION
- THEREOF, AGAINST DEFECTS IN MATERIAL, DESIGN AND WORKMANSHIP. B. FAILURE OF ANY PART OR PARTS DURING GUARANTEE, OWING TO ABOVE CAUSES, SHALL BE REPLACED PROMPTLY UPON NOTICE BY ARCHITECT, WITHOUT CHARGE TO THE OWNER. 1.7 HEATING, VENTILATING & AIR CONDITIONING & LESSEE'S OR FRANCHISE OWNER'S EQUIPMENT

A. ARRANGE FOR AND INSTALL 30 AMP. MINIMUM TEMPORARY ELECTRICAL SERVICE, 120-208

VOLTS, 3-WIRE, SINGLE PHASE. REMOVE FROM SITE AFTER PERMANENT SERVICE IS

B. FURNISH AND INSTALL 120-208 VOLTS, 3 PHASE, 4-WIRE, 60-HERTZ PERMANENT SERVICE. AMPERAGE AS INDICATED ON DRAWINGS. MAIN SERVICE SWITCH TO BE SIZED AND FUSED.

A. MINIMUM SIZE FOR BRANCH CIRCUIT WIRING SHALL BE NO. 12 AWG SOLID COPPER FOR 600

ARMORED CABLE OR TYPE THHN WIRE ENCLOSED IN APPROVED METAL RACEWAYS.

A. UNDERGROUND CONDUITS FOR PYLON SIGN, AREA LIGHTING AND DRIVE-THRU MENU

AND SECTION 15200 OF SPECIFICATIONS FOR UNIT SIZE.)

GASKETS OR OTHER MEANS OF EXCLUDING MOISTURE.

2 BY 6 WALL (CHASE) AS SHOWN ON THE DRAWINGS.

BACKS, APPLETON ELECTRIC COMPANY OR PERFORMANCE EQUAL.

ALUMINUM WIRE SHALL NOT BE USED.

OTHERWISE NOTED.

2.5 SWITCHES AND OUTLETS

SPECIFICALLY NOTED OTHERWISE

2.4 DISTRIBUTION

COMPATIBLE WITH HEATING, VENTILATING & AIR CONDITIONING UNIT SIZE. (SEE DRAWINGS

VOLT SERVICE. WHERE PERMITTED BY LOCAL CODE, NON-METALLIC SHEATHED CABLE TYPE

NMC (ROMEX)WITH GROUND WIRE MAY BE USED. IF REQUIRED BY LOCAL CODE, USE BX

SYSTEM, AS INDICATED ON THE SITE DRAWING SHALL BE HEAVY WALL, SCHEDULE 40 PVC.

MATTER. IF THE USE OF PVC IS NOT PERMITTED BY LOCAL CODES, ALL UNDERGROUND

B. CONDUIT CLAMPS SHALL BE OF THE ONE SCREW MALLEABLE TYPE WITH MATCHING CLAMP

:. "SWAB" CONDUIT DRY BEFORE PULLING WIRES. THREADS SHALL BE PROTECTED.

RACEWAYS ARE REQUIRED USE THINWALL ELECTRICAL METALLIC TUBING.

SEALTITE CONDUIT AND FITTINGS SHALL BE USED FOR FINAL MOTOR CONNECTIONS.

CONDUIT SHALL BE CAPPED DURING CONSTRUCTION TO PREVENT ENTRANCE OF FOREIGN

CONDUITS SHALL BE RIGID STEEL, HEAVY WALL GALVANIZED. CONDUIT FITTINGS EXPOSED

TO WEATHER SHALL BE OF A TYPE APPROVED FOR SUCH USE AND SHALL BE PROVIDED WITH

UNDERGROUND CONDUIT IN YARD RUNS SHALL BE LAID WITH 2 FT. MINIMUM COVER OF SAND

OR AS REQUIRED BY LOCAL CODE. WHERE REQUIRED BY LOCAL CODE, USE RIGID STEEL

CONDUIT, HEAVY WALL GALVANIZED FOR ALL WORK WITHIN BUILDING. OTHERWISE, WHERE

SMALLEST SIZE CONDUIT FOR BRANCH CIRCUIT WIRING SHALL BE ½ INCH CONDUIT, UNLESS

B. ALL WIRING TO AND FROM PANEL BOARDS, INCLUDING MAIN SERVICE, TO BE RUN WITHIN THE

A. ALL TOGGLE SWITCHES AND RECEPTACLES SHALL BE FLUSH WITH THE FINISH WALL, UNLESS

1. INTERIOR FLUSH BOXES SHALL BE CODE GRADE STEEL, SECURELY FASTENED WITH

3. ALL INDOOR CONVENIENCE OUTLETS SHALL BE TYPE CR-15 I AS MANUFACTURED BY

- PART 2 PRODUCTS
 - - A. AFTER COMPLETE CONNECTIONS AND INSTALLATION OF ALL THE LESSEE'S OR FRANCHISE OWNER'S EQUIPMENT, TEST ALL WORK AND EQUIPMENT AS REQUIRED BY AUTHORITIES HAVING JURISDICTION, FURNISH ALL EQUIPMENT NECESSARY, PERSONNEL, AND ELECTRICAL POWER. TEST THE ENTIRE INSTALLATION FOR SHORTS, GROUNDS AND OPEN CIRCUITS, AND CORRECT ALL DEFECTS BEFORE ACCEPTANCE OF THE WORK. ALL WORK SHALL BE DEMONSTRATED TO BE IN PROPER OPERATING CONDITION TO THE COMPLETE SATISFACTION OF THE FRANCHISE OWNER. INSTRUCT THE OWNER'S REPRESENTATIVES IN THE CARE AND
 - 3.7 EMERGENCY LIGHTING N/A
 - A. FURNISH AND INSTALL THE EXTERIOR LIGHTING AS INDICATED BY SYMBOLS ON SITE DRAWING. POLE AND WEDGE SERIES POLE LIGHTS SHALL BE MANUFACTURED BY VILLA LIGHTING OR SECURITY LIGHTING SYSTEMS, INC. (SPECIFY VOLTAGE WHEN ORDERING). SEE

 - 1. POLE SQUARE STEEL POLE FINISHED WITH WEATHERPROOF RUST PREVENTATIVE PAINT FOUR (4) GALVANIZED ANCHOR BOLTS WITH GALVANIZED NUTS AND WASHERS, METAL TEMPLATE, HAND HOLE, AND DECORATIVE ANCHOR BOLT COVER. VERIFY DIMENSIONS
 - 2. FIXTURE 400-WATT HIGH-PRESSURE SODIUM OR METAL HALIDE, DARK BRONZE OR BLACK FINISH. A COMPLETE MILL FINISHED ALUMINUM HOUSING WITH ACCESS TO LAMP AND BALLAST THROUGH HINGED DOOR ASSEMBLY, ONE-PIECE TEMPERED GLASS LENS AND OPTICAL SYSTEM FABRICATED OF POLISHED ALZAK ALUMINUM. ALSO INCLUDES ADJUSTABLE TENON ADAPTER AND INTEGRAL/ADJUSTABLE LIGHT CUP OF SHIELD.

SECTION 31 1100 CLEARING AND GRUBBING

- 1.1 SUMMARY
- A. SERVICE ENTRY EQUIPMENT AND DISTRIBUTION PANELS SHALL BE AS SPECIFIED AND DETAILED ON THE DRAWINGS, OR APPROVED EQUAL ONLY, IF AUTHORIZED IN WRITING BY 1. REMOVAL OF SURFACE DEBRIS, PAVING AND CURBS.
 - 2. REMOVAL OF PLANT LIFE AND GRASS.
 - TOPSOIL EXCAVATION. B. RELATED SECTIONS:
- OR APPROVED EQUAL. 2. TOGGLE SWITCHES SHALL BE TYPE 54521-2-I (IVORY) AS MANUFACTURED BY LEVITON, INC., AND SHALL BE TUMBLER TYPE 20 AMP. QUIET TYPE.

APPROVED DEVICES TO STUDS OR MASONRY AND SHALL BE AS MANUFACTURED BY RACO,

MOUNTING AND HANGING DEVICES REQUIRED TO INSTALL THE PARTICULAR FIXTURE IN ITS DESIGNATED LOCATION, COMPLETELY WIRED AND READY FOR OPERATION. 2. KITCHEN FRYER EXHAUST HOOD WILL BE FURNISHED WITH TWO (2) VAPOR-PROOF FIXTURES. FURNISH AND INSTALL TWO (2) "A" TYPE LAMPS IN THE FIXTURES. INSTALL

FIXTURE SCHEDULE SHOWN ON DRAWINGS, COMPLETE WITH NECESSARY COMPONENTS,

FIXTURES COMPLETE WITH ALL ACCESSORIES SUCH AS CLOSE NIPPLES, EXTENSION COUPLINGS, CONNECTING STRAP AND SCREWS, LOCK NUTS, HICKEYS, PLASTER RINGS TO FORM A COMPLETE FIXTURE INSTALLATION FOR USE WITH ANY TYPE OF STANDARD

LEVITON. ALL CONVENIENCE OUTLETS IN THE SALES AND DINING AREAS, ARE TO BE

A. LIGHTING FIXTURES, INCLUDING LAMPS AND CLOCKS IN KITCHEN AND SALES AREA, SHALL BE

1. FURNISH AND INSTALL ALL LIGHTING FIXTURES AND LAMPS IN ACCORDANCE WITH THE

AS SPECIFIED AND DETAILED ON THE DRAWINGS. NO SUBSTITUTIONS WILL BE PERMITTED,

4. OUTLET AND SWITCH PLATES SHALL BE OF STAINLESS STEEL - LEVITON.

2.6 LIGHTING FIXTURES AND EQUIPMENT

UNLESS AUTHORIZED IN WRITING BY THE ARCHITECT

BROWN IF LOCATED BELOW CHAIR RAIL. ALL OTHERS ABOVE CHAIR RAIL TO BE BONE.

- OUTLET OR SWITCHBOX. 3. ALL FLUORESCENT FIXTURES SHALL BE SUPPORTED INDEPENDENT OF FURRED OR
- SUSPENDED CEILINGS TO THE BUILDING STRUCTURE 4. LAMPS SHALL BE LED, FLUORESCENT AND / OR INCANDESCENT AS INDICATED - 120 VOLT. SYLVANIA, WESTINGHOUSE, GENERAL ELECTRIC, OR APPROVED EQUAL. INCANDESCENT
- LAMPS SHALL BE RATED AT 130 VOLTS DESIGN VOLTAGE. 5. FLUORESCENT FIXTURE BALLASTS SHALL BE "P" RATED, WITH POWER FACTOR, CBM-ETL CERTIFIED AND LISTED BY THE UNDERWRITERS' LABORATORIES. ALL BALLASTS TO HAVE INTEGRAL THERMAL PROTECTION WITH AUTOMATIC RESET, UNIVERSAL OR APPROVED
- 6. REFER TO DRAWINGS FOR CEILING LAYOUT AND CONSTRUCTION.
- 7. ALL SALES AREA LIGHTING TO HAVE WARM WHITE LAMPS. FURNISH AND INSTALL IN EACH TOILET ONE (1) ELECTRICAL HAND DRYER AS MANUFACTURED BY EXCEL DRYER, INC. (AS PROVIDED BY NEWTON DISTRIBUTION- SEE NATIONAL ACCOUNTS), XL MODEL, WHITE METAL COVER WITH BRAND APPROVED MESSAGING, 110-120V, 12.5 AMPS, 60 HZ.
- 2.7 PANELBOARDS DUNKIN' HAS A NATIONAL ACCOUNT PROGRAM FOR PANELBOARDS WITH VILLA LIGHTING. PLEASE CALL VILLA LIGHTING AT 1-800-325-0963
- AND/OR EMAIL DEANNA. MCCLANAHAN@VILLALIGHTING.COM. A. ALL PANELBOARDS SHALL BE DEAD-FRONT, SAFETY-TYPE EQUIPPED WITH SINGLE OR MULTI-POLE CIRCUIT BREAKERS, SPECIFIED IN THIS SECTION AND AS SCHEDULED ON THE DRAWINGS. ALL PANELBOARDS SHALL BE RECESSED WALL MOUNTED WITH A MINIMUM
- CAPACITY OF 42 CIRCUITS. B. PANELBOARDS SHALL BE SUITABLE FOR 120-208 VOLTS, THREE PHASE, FOUR WIRE OPERATIONS AS SCHEDULED ON THE DRAWINGS
- C. ALL PANELBOARDS SHALL HAVE A CIRCUIT DIRECTORY CARD MOUNTED IN A FRAME WITH PLASTIC COVER INSTALLED ON THE INSIDE OF THE DOOR. ALL DIRECTORY CARDS SHALL BE PROPERLY FILLED IN "TYPE WRITTEN" AND INDICATING AREAS AND DEVICES SERVED BY
- D. ALL CIRCUIT BREAKERS SHALL BE BOLTED-TYPE, QUICK-MADE AND QUICK-BREAK TYPE OF MANUAL OPERATION, TRIP FREE, AND WITH INVERSE TIME CHARACTERISTICS SECURED THROUGH THE USE OF BIMETALLIC THERMAL-MAGNETIC TRIPPING ELEMENTS. ALL MULTI-POLE BREAKERS SHALL HAVE A SIMULTANEOUS TRIP E. SINGLE POLE, DOUBLE AND THREE-POLE CIRCUIT BREAKERS FOR LIGHTING AND POWER
- PANEL BOARDS SHALL BE 240 VOLTS, TYPE THQB FROM 15 AMPS THROUGH 100 AMPS, HAVING NEMA INTERRUPTING CAPACITY NOT LESS THAN 10,000 AMPERES A.C. AT 240 VOLTS F. PANELBOARDS SHALL BE TYPE AQ PANEL BOARDS AS MANUFACTURED BY GENERAL

ELECTRIC OR EQUAL, SQUARE "D" COMPANY, I.T.E., WESTINGHOUSE OR PETERSON.

- G. CIRCUIT BREAKERS IN LIGHTING PANEL SHALL BE APPROVED "SWITCHING TYPE" CIRCUIT BREAKERS.
- 2.8 SAFETY SWITCHES AND FUSES DUNKIN' HAS A NATIONAL ACCOUNT PROGRAM FOR SWITCHES & FUSES WITH VILLA LIGHTING. PLEASE CALL VILLA LIGHTING AT 1-800-325-0963
- AND/OR EMAIL DEANNA. MCCLANAHAN@VILLALIGHTING.COM A. SAFETY SWITCHES SHALL BE OF THE FUSIBLE TYPE EQUIPPED WITH AN EXTERNAL LEVER OR HANDLE FOR MANUAL OPERATION WITH INTERLOCKING COVER
- NEUTRAL CONDUCTORS SHALL BE SOLID THROUGHOUT. SAFETY SWITCHES SHALL BE TYPE TH AS MANUFACTURED BY GENERAL ELECTRIC OR EQUAL: SQUARE "D" COMPANY, I.T.E. AND
- C. ALL FUSES INSTALLED IN SAFETY SWITCHES THROUGHOUT THE CONTRACT SHALL BE NON-RENEWABLE DUAL ELEMENT TYPE. FUSES SHALL BE AS MANUFACTURED BY GOULD

- PART 3 EXECUTION
- A. SERVICE SHALL BE BROUGHT OVERHEAD TO REAR OF BUILDING WITHOUT CROSSING ROOF OF SHOP. PROVIDE GALVANIZED PIPE AND WEATHER HEAD IN SIZE AS SHOWN ON DRAWINGS, BOLTED TO WALL WITH THROUGH BOLTS AND PLATE WASHERS INSIDE (UNLESS OTHERWISE SHOWN ON DRAWINGS). PIPE TO EXTEND 8 FT. MINIMUM ABOVE ROOF AND 6 FT. ON WALL PROVIDE ADDITIONAL SUPPORT TO MAST, EXTENDING ABOVE ROOF, IF REQUIRED, TO
- PREVENT BENDING. PIPE TO OFFSET IF NECESSARY FOR CLEARANCE OF STRUCTURE B. SEE SITE PLAN FOR UNDERGROUND SERVICE TO REAR OF BUILDING. INCLUDE ANY CHANGES REQUIRED IN THE ELECTRICAL PANELS, SWITCHES, MOTORS, WIRING, BREAKER SIZES, AND EQUIPMENT NECESSARY TO ADAPT TO THE SERVICE AVAILABLE, THE REQUIREMENTS OF THE UTILITY COMPANY, LOCAL CODES OR THE SIZE OF HEATING, VENTILATING & AIR
- CONDITIONING EQUIPMENT SPECIFIED.
- 3.2 TELEPHONE INSTALLATION N/A 3.3 INSTALLATION - GENERAL A. COOPERATE WITH OTHER SECTIONS FOR THE PROPER EXECUTION OF THIS WORK. SUPPLY
- AND COOPERATE IN THE PLACEMENT OF INSERTS. SLEEVES AND OTHER FOLIPMENT TO BE INSTALLED IN MASONRY. CAREFULLY CUT NECESSARY HOLES FOR THE INSTALLATION OF EQUIPMENT AND PATCH IN SUCH A MANNER AS TO MATCH THE ORIGINAL WORK. B. MAKE GROUND CONNECTION BETWEEN ALL APPARATUS, SIGNS AND CONDUIT AND THE
- WATER PIPING AS REQUIRED BY THE NATIONAL ELECTRICAL CODE AND ACCORDING TO THE REQUIREMENTS OF LOCAL AUTHORITIES.
- 3.4 MUSIC SYSTEM SPEAKERS N/A
- 3.5 CASH REGISTERS N/A
- OPERATION OF ALL APPARATUS AND EQUIPMENT FORMING THE INSTALLATION.
- 3.8 EXTERIOR AREA LIGHTING
- ELECTRICAL PLANS FOR BUILDING LIGHTS.
- CONFORM TO ALL LOCAL CODE REQUIREMENTS AND RESTRICTIONS BEFORE PLACING

GENERAL

- A. SECTION INCLUDES:
- GRUBBING ROOTS.

SECTION 31 2200 - GRADING.

NOT APPLICABLE

PART 3 EXECUTION 3.1 SITE CLEARING

- A. REMOVE VEGETATION, DEBRIS, AND OBSTRUCTIONS FROM AREAS OF STRUCTURES, WALKS,
- B. APPLY HERBICIDE TO REMAINING STUMPS AND PLANT LIFE TO INHIBIT GROWTH.
- C. STRIP EXISTING TOPSOIL FROM AREAS OF STRUCTURES, WALKS, AND PAVING. STOCKPILE
- ON SITE FOR REUSE AS SPECIFIED IN SECTION 31 2200.
- D. GRUB OUT ROOTS AND UNDERGROUND OBSTRUCTIONS TO MINIMUM DEPTH OF 12 INCHES. E. REMOVE WASTE MATERIAL FROM SITE AS IT ACCUMULATES. COMPLY WITH APPLICABLE CODES AND ORDINANCES REGARDING WASTE TRANSPORTATION AND DISPOSAL

SECTION 31 2300 EXCAVATION AND FILL

PART 1

- 1.1 SUMMARY A. SECTION INCLUDES:
- EXCAVATING FOR STRUCTURES AND SITE COMPONENTS.
- TRENCHING.
- .2 SYSTEM DESCRIPTION
- .3 SUBMITTALS
 - RESOURCE REUSE.

- A. ENGINEERED FILL: CRUSHED STONE OR GRAVEL GRADED PER ASTM C136. B. SAND: NATURAL RIVER OR BANK SAND, WASHED, FREE FROM SILT, CLAY, LOAM, FRIABLE OR
- SOLUBLE MATERIALS, AND ORGANIC MATTER, GRADED PER ASTM C136. C. COMMON FILL: REUSED SITE OR IMPORTED SOILS FREE FROM TRASH, DEBRIS, ROOTS OVER 1 INCH IN DIAMETER, MATTED ROOTS, ROCKS OVER 3 INCHES IN DIAMETER, TOPSOIL, AND
- 2.2 SOURCE QUALITY CONTROL A. TESTING AND INSPECTION SERVICES: TEST ENGINEERED FILL PRIOR TO PLACEMENT:
- 2. MOISTURE/DENSITY RELATIONSHIP: TEST TO ASTM D698.

REQUIREMENTS

- A. EXCAVATE TO GRADES AND SUBGRADES INDICATED. MAKE EXCAVATIONS LARGE ENOUGH TO PERMIT PLACING AND INSPECTION OF WORK.
- C. REMOVE AND DISPOSE OF EXCAVATED MATERIAL THAT IS UNSUITABLE OR NOT REQUIRED FOR BACKFILLING. REMOVE UNDERGROUND OBSTRUCTIONS
- CONSTRUCTION IS IN PLACE. REMOVE TEMPORARY SHORING AND BRACING AS BACKFILL IS

EXISTING SUBGRADE

- E. EXCAVATION FOR STRUCTURES:
- 2. MAINTAIN MOISTURE LEVEL IN EXCAVATIONS AS NEAR THEIR NATURAL LEVEL AS
- G. KEEP EXCAVATIONS FREE OF WATER.
- 1. PROOF ROLL TO DETECT SOFT AND WEAK ZONES. REMOVE SOFT AND SPONGY SOILS 2. REPLACE UNDERCUT AREAS WITH ENGINEERED FILL PLACED IN MAXIMUM 8 INCH DEEP
- B. FILL LOW AREAS OUTSIDE OF STRUCTURES AND UNDER PAVING WITH COMMON FILL TO ACHIEVE REQUIRED GRADES AND ELEVATIONS.

MODIFIED PROCTOR MAXIMUM DRY DENSITY

- 1. PLACE FILL IN MAXIMUM 8 INCH DEEP LOOSE, EVEN, HORIZONTAL LIFTS. 2. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557 MODIFIED PROCTOR MAXIMUM DRY
- C. FILL UNDER STRUCTURES WITH ENGINEERED FILL. 1. PLACE FILL IN MAXIMUM 8 INCH DEEP LOOSE, EVEN, HORIZONTAL LIFTS.
- F. WHEN MOISTURE MUST BE ADDED TO AID IN COMPACTION, UNIFORMLY APPLY WATER TO SURFACE, BUT DO NOT FLOOD. FREE WATER SHALL NOT APPEAR ON SURFACE DURING OR
- RECOMPACT H. UNIFORMLY GRADE AREAS TO SMOOTH SURFACE AT REQUIRED GRADES AND ELEVATIONS. ADJUST CONTOURS TO ELIMINATE WATER PONDING AND PROVIDE POSITIVE DRAINAGE.
- MAKE GRADE CHANGES GRADUALLY. BLEND SLOPES INTO LEVEL GRADES. I. TOLERANCES: WITHIN PLUS OR MINUS 1 INCH OF REQUIRED SUBGRADE ELEVATION.
- A. CUT TRENCHES SUFFICIENTLY WIDE TO ALLOW FOR INSTALLATION OF UTILITIES AND FOR

E. KEEP TRENCHES FREE OF WATER.

- C. REMOVE ROCKS AND OBSTRUCTIONS. D. CORRECT OVER-EXCAVATION BY USE OF LEAN CONCRETE OR PIPE BEDDING MATERIAL.
- 1. PLACE BACKFILL IN LOOSE, EVEN, HORIZONTAL LIFTS MAXIMUM 8 INCHES DEEP. 2. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557 MODIFIED] PROCTOR MAXIMUM DRY
- B. BACKFILL OUTSIDE OF STRUCTURES AND UNDER PAVING WITH COMMON FILL. PLACE BACKFILL IN LOOSE, EVEN, HORIZONTAL LIFTS MAXIMUM 8 INCHES DEEP.
- A. REMOVE SURPLUS MATERIALS AND THOSE NOT SUITABLE FOR REUSE FROM SITE.

SECTION 32 1216

ASPHALT PAVING

PART 1 GENERAL 1.1 SUMMARY

1.3 SUBMITTALS

3.6 PROTECTION

- A. SECTION INCLUDES: AGGREGATE BASE COURSE.
- A. SUSTAINABLE DESIGN SUBMITTALS:
- 1.4 QUALITY ASSURANCE
- B. MIXING PLANT: AI MS-3. C. OBTAIN MATERIALS FROM SAME SOURCE THROUGHOUT WORK.

2. ASPHALT CONCRETE BINDER AND SURFACE COURSES.

A. DO NOT PLACE ASPHALT WHEN BASE SURFACE TEMPERATURE IS LESS THAN 40 DEGREES F, OR SURFACE IS WET OR FROZEN.

- PAVING AND PLANTING BEDS.

- BACKFILLING.
- A. LIMITS OF WORK: DO NOT EXTEND EARTHWORK BEYOND AREAS OF EXCAVATION OR
- CONSTRUCTION SHOWN ON DRAWINGS OR REASONABLY NECESSARY FOR PERFORMANCE
- B. CONTRACTOR IS RESPONSIBLE FOR DESIGN OF TEMPORARY EARTH RETENTION SYSTEMS.
- A. SUSTAINABLE DESIGN SUBMITTALS:

REGIONAL MATERIALS.

- OTHER DELETERIOUS MATTER.
- 1. LIQUID LIMIT, PLASTIC LIMIT, AND PLASTICITY INDEX: TEST TO ASTM D4318.

3. PROVIDE SOIL DESCRIPTION; DETERMINE COMPLIANCE WITH GRADATION AND QUALITY

- PART 3 EXECUTION 3.1 EXCAVATING
- B. STOCKPILE EXCAVATED MATERIALS THAT ARE SUITABLE FOR REUSE SEPARATELY FROM
- D. BRACE SIDES OF EXCAVATIONS WHERE NECESSARY; MAINTAIN UNTIL PERMANENT
- FORM BOTTOMS OF EXCAVATIONS REASONABLY LEVEL
- CORRECT OVER-EXCAVATION UNDER FOOTINGS BY USE OF LEAN CONCRETE. CORRECT OTHER OVER-EXCAVATION BY USE OF ENGINEERED FILL, COMPACTED TO DENSITY OF
- A. PRIOR TO PLACING FILL ON EXISTING SUBSOILS:
- LOOSE, EVEN, HORIZONTAL LIFTS. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557

- 2. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557 MODIFIED PROCTOR MAXIMUM DRY D. DO NOT FILL OVER POROUS, WET, FROZEN, OR SOFT SUBGRADES. E. BENCH FILL INTO SLOPES.
- AFTER COMPACTION OPERATIONS G. SCARIFY SOIL TOO WET FOR PROPER COMPACTION AND ALLOW TO DRY. REPLACE AND
- INSPECTION OF WORK B. HAND TRIM EXCAVATIONS; REMOVE LOOSE MATTER.
- 3.4 BACKFILLING A. BACKFILL UNDER STRUCTURES WITH ENGINEERED FILL.
- 2. COMPACT EACH LIFT TO 95 PERCENT OF ASTM D1557 MODIFIED] PROCTOR MAXIMUM DRY
- A. PROTECT GRADED AREAS FROM TRAFFIC AND EROSION; KEEP FREE OF TRASH AND DEBRIS.

- RECYCLED CONTENT. REGIONAL MATERIALS.
- A. PERFORM WORK IN ACCORDANCE WITH AI MS-8.
- 1.5 PROJECT CONDITIONS

- PART 2 PRODUCTS
 - 2.1 MATERIALS
 - A. ASPHALT CEMENT: ASTM D946.
 - 2. RECYCLED CONTENT: MINIMUM PERCENT AS INDICATED ON DRAWINGS. B. AGGREGATE: CRUSHED STONE AND SAND, GRADED IN ACCORDANCE WITH AI MS-2.
 - C. PRIMER: AI MS-19, HOMOGENOUS, MEDIUM CURING, CUT BACK LIQUID ASPHALT. D. TACK COAT: AI MS-19, HOMOGENOUS, RAPID CURING, CUT BACK LIQUID ASPHALT.
 - 2.2 MIXES
 - A. ASPHALTIC CONCRETE: 1. UNIFORM MIXTURE OF COARSE AND FINE AGGREGATE, MINERAL FILLER, AND ASPHALT
 - CEMENT, ACCURATELY PROPORTIONED BY WEIGHT IN ACCORDANCE WITH AI MS-2.
 - 2. BINDER COURSE: COARSE GRADED AGGREGATE, 4.5 TO 6.0 PERCENT ASPHALT CEMENT 3. SURFACE COURSE: FINE GRADED AGGREGATE, 5.0 TO 7.0 PERCENT ASPHALT CEMENT BY

PART 3 EXECUTION

6. CONSTRUCTION JOINTS:

AGAINST FRESH CUT

AXIS OF WORK.

TO LINE OF DRAINAGE.

D. INSTALLATION TOLERANCES:

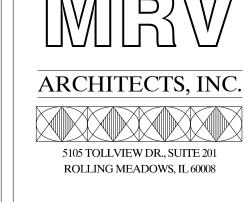
- 3.1 CONSTRUCTION
- A. AGGREGATE BASE COURSE: PLACE TO 6 INCH DEPTH AFTER COMPACTION.
- 2. ROLLER COMPACT TO MINIMUM 95 PERCENT. ADD SMALL QUANTITIES OF FINE
- AGGREGATE IF NECESSARY TO AID COMPACTION. 3. UNIFORMLY GRADE AREAS TO SMOOTH SURFACE AT REQUIRED GRADES AND
- ELEVATIONS. MAKE GRADE CHANGES GRADUALLY. BLEND SLOPES INTO LEVEL GRADES.
- 4. TOLERANCES: WITHIN PLUS OR MINUS 1 INCH OF REQUIRED ELEVATION. B. PRIMER: APPLY TO BASE COURSE AND CONTACT SURFACES OF CURBS AND ABUTMENTS AT
- MINIMUM RATE OF 1/2 GALLON PER SQUARE YARD.
- C. ASPHALTIC CONCRETE: 1. PLACE WITHIN 24 HOURS AFTER APPLYING PRIMER.
- 2. MINIMUM COMPACTED THICKNESSES: a. BINDER COURSE: 2 INCHES b. SURFACE COURSE: 1 INCH.
- 3. APPLY TACK COAT TO BINDER COURSE AT MINIMUM RATE OF 1/2 GALLON PER SQUARE 4. COMPACT WITH PNEUMATIC ROLLER, THEN WITH STEEL ROLLER. DO NOT DISPLACE OR
- EXTRUDE ASPHALTIC CONCRETE FROM POSITION. HAND COMPACT IN AREAS INACCESSIBLE TO ROLLING EQUIPMENT 5. ROLL WITH CONSECUTIVE PASSES TO ACHIEVE UNIFORM, SMOOTH SURFACE, FREE FROM ROLLER MARKS.
- a. PLACE MIXTURE AS NEARLY CONTINUOUS AS POSSIBLE. ROLL UNPROTECTED EDGE OF FRESHLY LAID MIXTURE ONLY WHEN LAYING IS DISCONTINUED FOR SUCH LENGTH OF TIME AS WILL ALLOW COOLING OF MIXTURE b. WHEN RESUMING WORK, CUT BACK PREVIOUSLY LAID MATERIAL TO PRODUCE

SLIGHTLY BEVELED EDGE FOR FULL DEPTH OF COURSE; PLACE FRESH MIXTURE

1. MAXIMUM SURFACE DEVIATION: PLUS OR MINUS 1/4 INCH IN 10 FEET, MEASURED PARALLEL

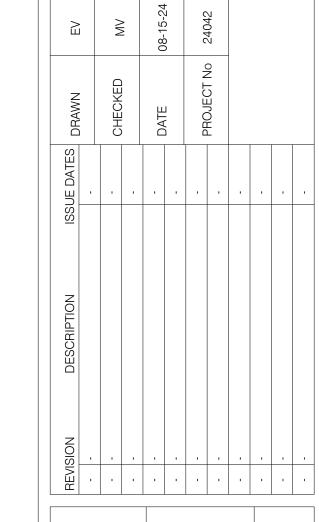
2. MAXIMUM DEVIATION FROM SPECIFIED THICKNESS: PLUS OR MINUS 1/4 INCH.

c. HOT SMOOTHING IRONS MAY BE USED FOR SEALING JOINTS; USE CARE TO AVOID BURNING SURFACE. d. CONSTRUCT JOINTS EITHER PARALLEL TO OR AT RIGHT ANGLES TO LONGITUDINAL



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Γ				EXTERIOR WALL PA	AINT				
	CODE	MATERIAL	MANUFACTURER	PRODUCT#	DESCRIPTION / REMARKS	VENDOR CONTACTS			
IOR T	<u>PTE-01</u>	PAINT	SHERWIN WILLIAMS	GRAY FINISH	SW 7019 "GAUNTLET GRAY" SHEEN: FLAT	PLACE ORDER WITH LOCAL SHERWIN WILLIAMS STORE FOR A STORE NEAR YOU CALL: 800-474-3794			
EXTERIO	PTE-02	PAINT	SHERWIN WILLIAMS	CHARCOAL FINISH	SW 7069 "IRON ORE" SHEEN: FLAT	HEATHER BOURGEOIS NATIONAL ACCOUNT EXECUTIVE O: 646-841-4412			
X	<u>PTE-04</u>	PAINT	SHERWIN WILLIAMS	OFF WHITE FINISH	SW 7063 "NEBULOUS WHITE" SHEEN: FLAT	EMAIL: HEATHER.R.BOURGEOIS@SHERWIN.COM			
			EXTERI	OR FIBER-CEMENT EXTERIO	R SIDINGAND PANELS				
	CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS			
ERIOR FIBER NT SIDING AND PANELS	<u>PS-03</u>	FIBER CEMENT SIDING	WOODTONE	WOOD FINISH RUSTIC SERIES WOODTONE	COLOR:"HONEY GLAZE" WOOD PATTERN SURFACE: WOOD PATTERN PLANK DIMENSION: 8 1/4" X 12' X 5/16" THK WITH 6" SIDDING EXPOSURE NOTE: NAILS TO MATCH WOOD FINISH	FOR WOODTONE PRODUCTS: LAURENCE TAYLOR, WOODTONE SALES REPRESENTATIVE PHONE: (604) 792-3680 CELL: (604) 798-2664 LAURENCET@WOODTONE.COM TIM FOLSTER WOODTONE MANAGER, STRATEGIC ACCOUNTS PHONE: (604) 792-3680 CELL: (604) 845-9663 TIMF@WOODTONE.COM			
EXTE CEMEN	<u>PS-04 LP</u>	FIBER CEMENT PANEL	JAMES HARDIE	OFF WHITE FINISH LARGE FORMAT PANEL	COLOR:"ARCTIC WHITE" SURFACE: PRE-FINISHED REVEAL PANEL DIMENSION: (5/16" x 48"X96") WITH COLOR MATCHED TRIMS AND COLOR MATCHED SCREWS OR COLOR: "PRIMED FINISH" FIELD PAINT TO MATCH PTE-04	JEFF HARVEY 774-287-6278 JEFFERY.HARVEY@JAMESHARDIE.COM			
				EXTERIOR METAL PAINTED	COATINGS				
	CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS			
۵	PC-02	PAINTED COATING PAINTED COATING	MATTHEWS PAINT SHERWIN WILLIAMS	CHARCOAL FINISH	COLOR: MP10269 DARK SLATE FINISH LVS SATIN V2.0 SW 7069 "IRON ORE"				
│Ë │		PAINTED COATING	POWDER COAT	CHARCOAL FINISH	SW 7069 "IRON ORE" COLOR MATCH PMS COOL GREY 1C				
AINTE	PC-04	PAINTED COATING PAINTED COATING	MATTHEWS PAINT SHERWIN WILLIAMS	OFF WHITE FINISH	MAP ULTRA LOW V.O.C. SW 7063 "NEBULOUS WHITE"				
L P GS	PC-12	PAINTED COATING PAINTED COATING	POWDER COAT MATTHEWS PAINT	DD PINK FINISH	SW 7063 "NEBULOUS WHITE" COLOR MATCH PMS 7635C COLOR: MP79206 R161426 FINISH: LVS SATIN V1.0 OVER MP55898 WHITE BASECOAT	PLACE ORDER WITH LOCAL			
META	PAINTED COATING PAINTED COATING PAINTED COATING PC-13 PAINTED COATING		SHERWIN WILLIAMS POWDER COAT MATTHEWS PAINT	DD PINK FINISH DD PINK FINISH DD ORANGE FINISH	COLOR MATCH PMS 7635C COLOR MATCH PMS 7635C COLOR MATCH PMS 3564C COLOR: MP797700 R161426 FINISH:	SHERWIN WILLIAMS STORE FOR A STORE NEAR YOU CALL: 800-474-3794 HEATHER BOURGEOIS NATIONAL ACCOUNT EXECUTIVE			
EXTERIOR I			SHERWIN WILLIAMS	DD ORANGE FINISH COLOR # 5059990	LVS SATIN V1.0 OVER MP55898 WHITE BASECOAT Blended At: Sherwin Williams Product Finishes, Lowell MA Product: LV3 - Genesis Low VOC Satin GT1039 Orange Toner 785.97g / .19gal GT1511 Low VOC Gloss Clear 529.21g / .12gal GT1043 Autumn Orange 194.04g / .05gal GT1011 Artic White 137.20g / .02gal GR1088 Reducer 442.38g / .13gal GT1510 Low VOC Flat Clear 2157.21g / .49gal	O: 646-841-4412 EMAIL: HEATHER.R.BOURGEOIS@SHERWIN.COM			
		PAINTED COATING	PAINTED COATING POWDER COAT DD ORANGE EXT		COLOR MATCH PMS 3564C				
_	CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION / REMARKS	VENDOR CONTACTS			
	TD 04	METAL	TAMLYN	EXTRUDED METAL CHANNEL USED AT TOWER	PINK ACCENT BAND	TAMLYN - XTREME TRIM IAN DANIELS			
	<u>TR-01</u>	METAL	HORACIO	ELEMENT	SEE SF03 (PINK)	713-446-3075; idaniels@tamlyn.com OR			
		METAL METAL	AGI TAMLYN			HORACIO'S SHEET METAL MICHAEL TAVERES P: 508-985-9940; mike@horacios.com OR			
	<u>TR-02</u>	METAL	HORACIO	EXTRUDED METAL CHANNEL USED AT TOWER ELEMENT	OFF WHITE ACCENT BAND SEE SF04 (WHITE)	AGI RANDY KERR 800-877-3810 EXT. 3248; rkerr@agi.net			
		METAL	AGI						
METAI	TR-04	METAL	TAMLYN	(XOCLP34) OUTSIDE CORNER TRIM. USED AT TOWER ELEMENT	TO MATCH FIBER CEMENT LAP SIDING PS-03				
TERIOR I	TR-05	METAL	TAMLYN	(XS516) BOTTOM "STARTER" TRIM. USED AT TOWER ELEMENT (JMH34) VERTICAL	CLEAR ANODIZIED				
	TR-06	METAL	TAMLYN	TERMINATION TRIM-TYP. USED AT TOWER ELEMENT	FACTORY FINISH TO MATCH FIBER CEMENT LAP SIDING PS-03				
EXTE	TR-07	METAL METAL	TAMLYN JAMES HARDIE	(JMH716) TOP TRIM USED AT TOWER ELEMENT JH SURROUND VERTICAL TRIM	FACTORY FINISH TO MATCH FIBER CEMENT LAP SIDING PS-03 FINISH: FACTORY CLEAR ANODIZED 16 GA TRIM AVAILABLE IN 8'-0" LENGTHS, USED WITH JAMES HARDIE				
	TR-09	METAL	JAMES HARDIE	JH SURROUND HORIZONTAL TRIM	REVEAL PANELS FINISH: FACTORY CLEAR ANODIZED 16 GA TRIM AVAILABLE IN 8'-0" LENGTHS, USED WITH JAMES HARDIE				
	TR-10	METAL	JAMES HARDIE	JH SURROUND OUTSIDE CORNER TRIM	REVEAL PANELS FINISH: FACTORY CLEAR ANODIZED 16 GA TRIM AVAILABLE IN 8'-0" LENGTHS, USED WITH JAMES HARDIE REVEAL PANELS	JEFF HARVEY 774-287-6278 JEFFERY.HARVEY@JAMESHARDIE.COM			
	TR-11	METAL	JAMES HARDIE	JH SURROUND J-CHANNEL TRIM	FINISH: FACTORY CLEAR ANODIZED 16 GA TRIM AVAILABLE IN 8'-0" LENGTHS, USED WITH JAMES HARDIE REVEAL PANELS. NOTE: CAN BE USED VERTICALLY & HORIZONTALLY @ PENETRATION OR TRANSITION W/ OTHER MATERIALS				

				TRAFFIC STRIPING	PAINT	
	CODE	MATERIAL	MANUFACTURER	PRODUCT #	DESCRIPTION	VENDOR CONTACTS
—	<u>TP-01</u>	PAINT	SHERWIN WILLIAMS	PRO PARK	"WHITE": B97WD2434	
Z	<u>TP-02</u>	PAINT	SHERWIN WILLIAMS	PRO PARK	"BLUE": B97LD2022	PLACE ORDER WITH LOCAL SHERWIN WILLIAMS STORE
υ ∢	<u>TP-03</u>	PAINT	SHERWIN WILLIAMS	PRO PARK	"YELLOW": B97YD2467	FOR A STORE NEAR YOU CALL: 800-474-3794
RAFFI	<u>TP-04</u>	PAINT	SHERWIN WILLIAMS	PRO PARK	"ORANGE": CUSTOM MIX B97YD2467 CCE* COLORANT 0Z 32 64 128 W1-WHITE - 6 1 R4-NEW RED 4 53 1 — Y3-DEEP GOLD - 06 - 1	HEATHER BOURGEOIS NATIONAL ACCOUNT EXECUTIVE O: 646-841-4412 EMAIL: HEATHER.R.BOURGEOIS@SHERWIN.COM
TF STRIP	<u>TP-05</u>	PAINT	SHERWIN WILLIAMS	PRO PARK	"PINK": CUSTOM MIX B97RD2012 CEE* COLORANT 0Z 32 64 128 W1-WHITE 6 L1- BLUE 6	





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MASTER FINISH SCHEDULE

DUNKIN'
950 MAIN AVE. A
DE PERE, WI 54115

PC# 352721

SHEET

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NATIONAL ACCOUNTS SOURCE INFO

NOTE:

1. FOR COMPLETE NATIONAL ACCOUNTS SOURCE INFORMATION, REFER TO THE DUNKIN' NATIONAL ACCOUNT WEB SITE (http://extranet.dunkinbrands.com). TO OBTAIN A USER NAME AND PASSWORD PLEASE CONSULT YOUR LOCAL CONSTRUCTION MANAGER.
2. CONTRACTOR TO IDENTIFY ONESELF AS WORKING WITH DUNKIN' WHEN ORDERING FROM NATIONAL ACCOUNTS.

DUNKIN°

Dunkin' - National Accounts Contact List Updated 2-29-24

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Allen Industries	Allen Industries	Keith Whitley	919-410-1234	keith.whitley@allenindustries.com
Bollard Covers	Post Guard	Michelle Mobbs	248-663-9115	michelle@postguard.com
Bollard Covers (orange)	Ideal Shield	Bindu Abraham or Richard Popp	Bindu 888-308-7290 / Rich 248-219-2907	BAbraham@idealshield.com or rpopp@idealshield.com
Coming Soon Banners	LSM Now	Megan Buckley	1-855-576-6669	lsmnow@weldmedia.com
Door Handles (DD and BR)	Trimco	Anthony Mastroianni	410-804-5070	amastroianni@trimcohardware.com
Drive Thru Stencil	DGS Retail	Karen McCue	508-337-2990 / 508-337-5040	dgsretail.com
Drive Thru Timers	Acrelec (Formerly Hyperactive)	Kevin Donohue	O 412-960-4116	kevin.donohue@acrelec.com
Exterior Fiber-Cement Siding and Panels	James Hardie	Jeff Harvey	774-287-6278	jeffery.harvey@jameshardie.com
Exterior Finishes	Nichiha	Scott Landi/Matt Stephenson	678-296-9537	dunkindonuts@nichiha.com mstephenson@nichiha.com
Exterior Finishes	Woodtone	Tim Foster	800-663-9844 X1122	timf@woodtone.com
Exterior Metal (Building Band/Canopy)	Uni-Structures, Inc.	Dana Fredericks	678-974-1773	d.fredericks@unistructures.com
Exterior Metal (Building Band/Canopy)	LSI Industries	Vicki Mancill	M:713-744-4178	vicki.mancill@lsi-industries.com
Extruded Metal Channel at Exterior	Horacio's Sheet Metal	Michael Tavares	508-985-9940 / 508-985-9965	mike@horacios.com
Light Fixtures	Villa Lighting	Deanna McClanahan	1-800-325-0963 x 508	Deanna.McClanahan@villalighting.com
Light Fixtures	Specialty Lighting	Anush Kazarian	O:860-767-0110 X252/M:508-922-0786+G100	anush.kazarian@sslighting.com
Lighting Fixtures: Interior & Exterior	Light Check Services	Alan Safer	401-714-5567	alan@lightcheck.com
Metal Trim (Branded)	Tamlyn	lan Daniels	713-446-3075	idaniels@tamlyn.com
Outdoor Patio Furniture	Florida Seating	Kal Khalaf	727-540-9802	kal@floridaseating.com - sales@flordiaseating.com
Outdoor Patio Furniture	нјс	David Lightfoot	479-366-0642	david.lightfoot@hjcinc.com
Outdoor Patio Furniture	Wasau Tile	Caitlin Gustafson	(715) 241-0311	cgustafson@wausautile.com
Outdoor Patio Furniture	24/7			
Outdoor Patio Furniture	Plantation Prestige			
Outdoor Patio Furniture (BR Only)	Union Office Interiors	Douglas Bumstead	P: 978-752-1830 F: 1-781-628-1020	Dbumstead@unionoffice.com
Outdoor Patio Furniture (Dunkin' and BR)	Wabash			
Outside Furniture: (Light Weight)	Key Office Interiors	Douglas Bumstead	857-991-1376 / 617-439-0322	dunkinorders@keyofficeinteriors.com
Paint	Benjamin Moore	Stacey White	857-250-7395	
Paint	Sherwin Williams	Jim Cooley	M: 617-595-7126	James.cooley@sherwin.com
Pavement Stencils	Pavement Stencil Company	Calvin Bell	800.250.5547	stencils@pavementstencil.com
Sign Manufacturer	AGI	Jeff Ogle	(865)771-5676	Dunkinbrands@agi.net
Sign Manufacturer	Everbrite	Daniel Kleiman / Nick Bailey	804-456-8121 / C: 414-207-2353	dunkinbrands@everbrite.com / nbailey@everbrite.com
Sign Manufacturer	Persona Signs	Samantha Fieber	800-843-9888 Ext 304	sfieber@personasigns.com
Sign Manufacturer	Poyant Signs	Bill Gavigan	C:860-324-1353	bgavigan@poyantsigns.com
Sign Manufacturer	Sign Resource	Ken Siegert	810-241-0272	ksiegert@signresource.com
Store Graphics	DGS Retail	Karen Mccue	508-337-2990 / 508-337-5040	karenmccue@dgsretail.com
Umbrellas	East Coast Umbrellas	Nicole Locklear	919-975-7414	umbrellas@eastcoastumbrella.com umbrellas@eastcoastumbrella.com /
Umbrellas & Umbrella Stands	East Coast Umbrellas	Nikole Locklear	919-975-+7414	nicole@eastcoastumbrella.com
Umbrellas & Umbrella Stands	Tuuci	Frank Munoz Martin	305-636-7890	fmartin@Tuuci.com
Umbrellas & Umbrella Stands	24/7			
Video Loss Prevention Surveillance	March Networks	Graham Shelton	909-622-4899	Gshelton@marchproducts.com
Video Loss Prevention Surveillance - DTiQ	DTiQ	Sharon Costanza	954-649-0951	scostanza@dtiq.com

RESPONSIBILTY MATRIX

NOTE

GC - GENERAL CONTRACTOR
O - OWNER
ES - EQUIPMENT SUPPLIER



EXTERIOR BUILDING REQUIREMENTS RESPONSIBILITY TO: ELEMENT GENERAL CONTRACTORS RESPONSIBILITIES NOTES PURCHASE PROVIDE INSTALL ES SV BUILDING WALL SIGNAGE INSTALL/ ADJUST ELECTRICAL CONNECTIONS FOR SIGNAGE AS REQ'D. N/A 1) COORDINATE SHOP DRAWINGS WITH ARCHITECT AND MFR. <u>PREFAB:</u> LIGHTING PROVIDED AND BUILT IN BY MFR. <u>FIELD BUILT:</u> GC TO PURCHASE AND INSTALL LIGHTING GC ES GC 2) PROVIDE ELECTRICAL CONNECTIONS AS REQ'D TO LIGHTING. ORANGE BANDING 3) PROVIDE WOOD BLOCK AS REQ'D FOR INSTALLATION. LIGHTING PROVIDED AND BUILT IN BY MRF. 1) COORDINATE SHOP DRAWINGS WITH ARCHITECT AND MFR. ES GC **GC** 2) PROVIDE ELECTRICAL CONNECTIONS AS REQ'D TO LIGHTING. ORANGE CANOPY * LIGHTING CAN BE UPGRADED TO EMERGENCY LIGHTING UPON REQUEST. ** 3) PROVIDE WOOD BLOCK AS REQ'D FOR INSTALLATION. ACCENT METAL CHANNELS GC TAM GC REFER TO EXTERIOR ELEVATIONS AND SECTION DETAILS. INSTALL AT SPECIFIED LOCATIONS. AT LAP SIDING

NCR - NCR

TL - TECHLINK

		SITE REQUIREMENTS											
	ELEMENT	RESP	ONSIBILIT	Y TO:	GENERAL CONTRACTORS RESPONSIBILITIES	NOTES							
	ELEMIENI	PURCHASE	PROVIDE	INSTALL	GENERAL CONTRACTORS RESPONSIBILITIES	NOTES							
	BOLLARD COVERS	GC	GC	GC	INSTALL NEW COVER OVER EXISTING BOLLARDS.	N/A							
NTS	DIRECTIONAL SIGNAGE	0	EP	sv	PROVIDE ALTERNATIVE PRICING: CAST NEW CONCRETE FOUNDATION AS REQ'D IF THE OWNER CHOOSES TO UTILZE THE BRAND'S NEW, LARGER SIGNAGE; REUSE EXISTING ELECTRICAL CONNECTION.	N/A							
EM	DRIVE-THRU GROUND LOOPS	0	0	GC	VERIFY CONDITION OF EXISTING EQUIPMENT	N /A							
UR	DRIVE-THRU ELEMENT ASPHALT PAINTING	GC	EP	GC	DRIVE-THRU STRIPPING AND GRAPHICS TO BE PAINTED AT SPECIFIED LOCATIONS	STENCILS TO BE PROVIDED BY DGSRETAIL FOR DRIVE-THRU GRAPHICS. REFER TO NATIONAL ACCOUNTS. SEE DGS.							
REQ	DRIVE-THRU MENU BOARD / SPEAKER ORDER POST				NEW EQUIPMENT TO BE INSTALLED AT THE EXISTING CONCRETE BASE; UTILIZE EXISTING ELECTRICAL CONNECTIONS. PROVIDE DATA CONNECTION AS REQ'D TO DIGITAL MENU BOARD.	N/A							
쁘					PROVIDE ALTERNATIVE PRICING: CAST NEW CONCRETE FOUNDATION(S) AS REQ'D.								
SI	HEIGHT LIMITATION BAR	0	EP	sv	PROVIDE ALTERNATIVE PRICING: CAST NEW CONCRETE FOUNDATION(S) AS REQ'D.	NEW EQUIPMENT TO BE INSTALLED AT THE EXISTING CONCRETE BASE							
	PYLON SIGNAGE	0	EP	SV	COORDINATE WITH OWNER FOR REMOVAL OF EXISTING SIGNAGE CABINET FOR NEW EQUIPMENT.	N/A							





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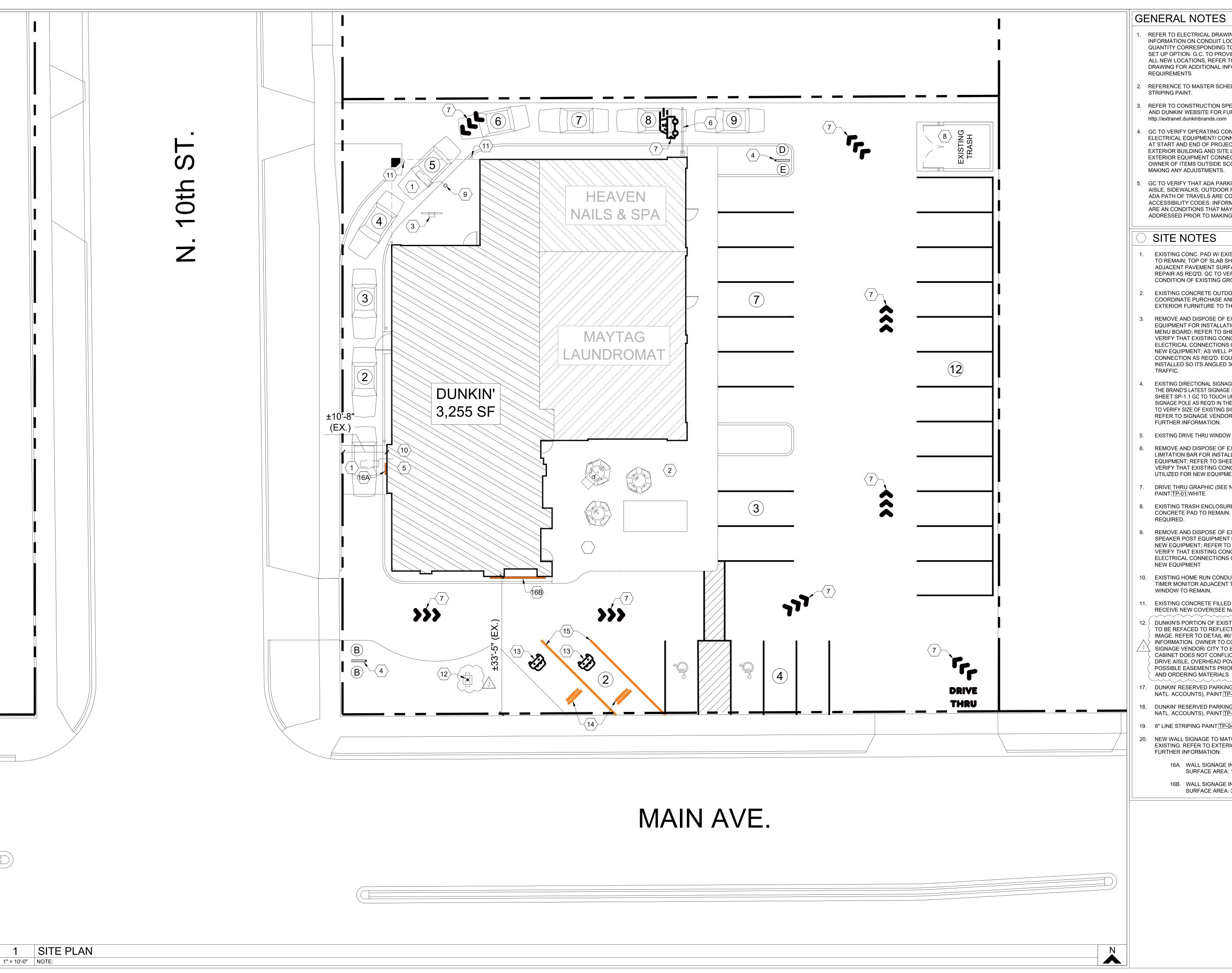
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SPONSIBILITY MATRIX
DUNKIN'
950 MAIN AVE. A
DE PERE, WI 54115

PC# 352721

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GENERAL NOTES

- REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION ON CONDUIT LOCATIONS AND QUANTITY CORRESPONDING TO EACH DRIVE THRU SET UP OPTION. G.C. TO PROVIDE PVC CONDUIT FOR ALL NEW LOCATIONS, REFER TO ELECTRICAL DRAWING FOR ADDITIONAL INFORMATION ON LOOP REQUIREMENTS
- REFERENCE TO MASTER SCHEDULE FOR TRAFFIC
- REFER TO CONSTRUCTION SPECIFICATIONS SHEETS AND DUNKIN' WEBSITE FOR FURTHER INFORMATION; http://extranet.dunkinbrands.com
- GC TO VERIFY OPERATING CONATION OF ALL ELECTRICAL EQUIPMENT/ CONNECTIONS PRIOR TO AT START AND END OF PROJECT; SUCH AS SIGNAGE, EXTERIOR BUILDING AND SITE LIGHTING, AND EXTERIOR EQUIPMENT CONNECTIONS. GC TO NOTIFY OWNER OF ITEMS OUTSIDE SCOPE OF WORK PRIOR MAKING ANY ADJUSTMENTS.
- GC TO VERIFY THAT ADA PARKING STALLS AND AISLE, SIDEWALKS, OUTDOOR PATIO, AND POSSIBLE ADA PATH OF TRAVELS ARE COMPLIANT WITH LOCAL ACCESSIBILITY CODES. INFORM OWNER IF THERE ARE AN CONDITIONS THAT MAY NEED TO BE ADDRESSED PRIOR TO MAKING ADJUSTMENTS.

SITE NOTES

- EXISTING CONC. PAD W/ EXISTING GROUND LOOPS TO REMAIN; TOP OF SLAB SHOULD BE FLUSH WITH ADJACENT PAVEMENT SURFACE. PATCH AND REPAIR AS REQ'D. GC TO VERIFY OPERATING CONDITION OF EXISTING GROUND LOOPS
- EXISTING CONCRETE OUTDOOR PATIO. OWNER TO COORDINATE PURCHASE AND DELIVERY OF EXTERIOR FURNITURE TO THE SITE.
- REMOVE AND DISPOSE OF EXISTING MENU BOARD EQUIPMENT FOR INSTALLATION OF NEW DIGITAL MENU BOARD; REFER TO SHEET SP-1.1. GC TO VERIFY THAT EXISTING CONCRETE BASE AND ELECTRICAL CONNECTIONS CAN BE UTILIZED FOR NEW EQUIPMENT; AS WELL PROVIDE DATA CONNECTION AS REQ'D. EQUIPMENT TO BE INSTALLED SO ITS ANGLED 30° TO ON COMING
- EXISTING DIRECTIONAL SIGNAGE TO BE REFACED WITH THE BRAND'S LATEST SIGNAGE PANELS; REFER TO SHEET SP-1.1 GC TO TOUCH UP PAINT OF EXISTING SIGNAGE POLE AS REQ'D IN THE FIELD PC-13. VENDOR TO VERIFY SIZE OF EXISTING SIGNAGE PANELS IN FIELD; REFER TO SIGNAGE VENDOR'S PACKAGE FOR FURTHER INFORMATION.
- EXISTING DRIVE THRU WINDOW TO REMAIN
- REMOVE AND DISPOSE OF EXISTING HEIGHT LIMITATION BAR FOR INSTALLATION OF NEW EQUIPMENT; REFER TO SHEET SP-1.1. GC TO VERIFY THAT EXISTING CONCRETE BASE CAN BE UTILIZED FOR NEW EQUIPMENT
- DRIVE THRU GRAPHIC (SEE NATL. ACCOUNTS),
- EXISTING TRASH ENCLOSURE AND HEAVY DUTY CONCRETE PAD TO REMAIN. PATCH AND REPAIR AS
- REMOVE AND DISPOSE OF EXISTING ORDER SPEAKER POST EQUIPMENT FOR INSTALLATION OF NEW EQUIPMENT; REFER TO SHEET SP-1.1. GC TO VERIFY THAT EXISTING CONCRETE BASE AND ELECTRICAL CONNECTIONS CAN BE UTILIZED FOR **NEW EQUIPMENT**
- 10. EXISTING HOME RUN CONDUIT TO DRIVE THRU TIMER MONITOR ADJACENT TO DRIVE THRU WINDOW TO REMAIN.
- 11. EXISTING CONCRETE FILLED BOLLARDS ON SITE TO RECEIVE NEW COVER(SEE NATL. ACCOUNTS)
- 12. DUNKIN'S PORTION OF EXISTING PYLON SIGNAGES TO BE REFACED TO REFLECT THE BRANDS NEW IMAGE. REFER TO DETAIL #6/ SP-1.0 FOR FURTHER INFORMATION. OWNER TO COORDINATE WITH GC/ SIGNAGE VENDOR/ CITY TO ENSURE NEW SIGNAGE CABINET DOES NOT CONFLICT WITH ADJACENT DRIVE AISLE, OVERHEAD POWER LINES, AND POSSIBLE EASEMENTS PRIOR TO CONSTRUCTION
- 17. DUNKIN' RESERVED PARKING SPACE GRAPHIC (SEE NATL. ACCOUNTS), PAINT TP-01 WHITE
- DUNKIN' RESERVED PARKING SPACE GRAPHIC (SEE NATL. ACCOUNTS), PAINT TP-04 ORANGE
- 19. 6" LINE STRIPING PAINT TP-04 ORANGE
- 20. NEW WALL SIGNAGE TO MATCH SURFACE AREA OF EXISTING. REFER TO EXTERIOR ELEVATIONS FOR
 - 16A. WALL SIGNAGE INSTALLED 15-10" AFF. SURFACE AREA: 11.46 SF
 - 16B. WALL SIGNAGE INSTALLED 17-8" AFF. SURFACE AREA: 33.66 SF



ROLLING MEADOWS, IL 60008

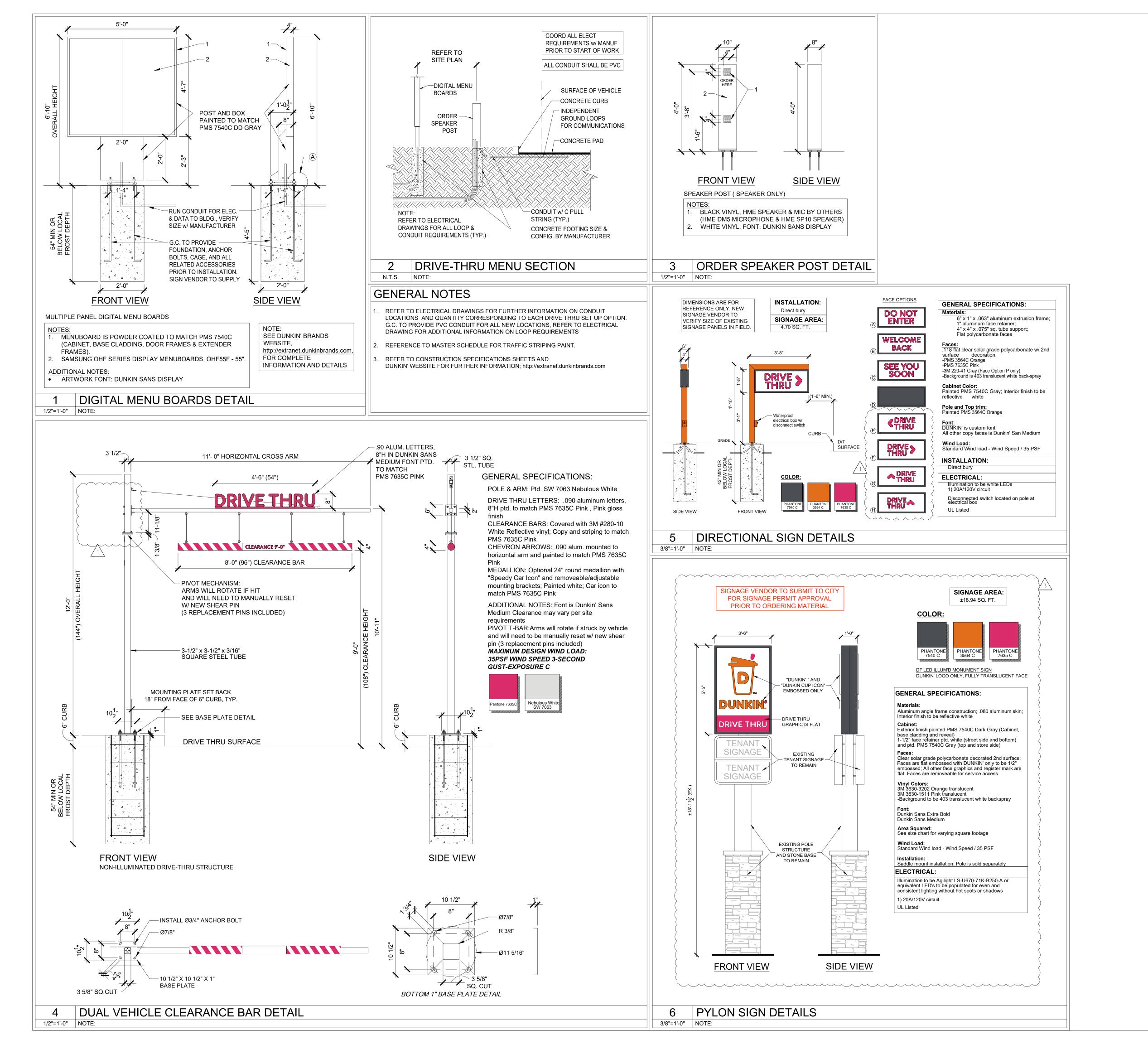
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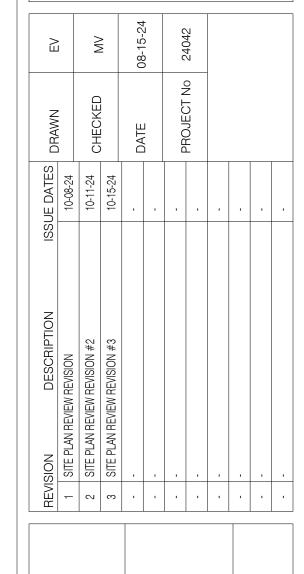
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SP-1.1

SHEET

