ADMINISTRATIVE AMENDMENT

FILE # SI-2021-00704 **PROJECT #** PR-2021-005472

Modify/update façade and site signage; Refresh building paint;

Modifications to Online Grocery parking spaces and associated signage.

Digitally signed by James M. Aranda
DN: cn=James M. Aranda, o=City of Albuquerque, ou=Planning Department, email=jmaranda@cabq.gov, c=US
Date: 2021.07.21 11:39:02 -06'00'

7/21/2021

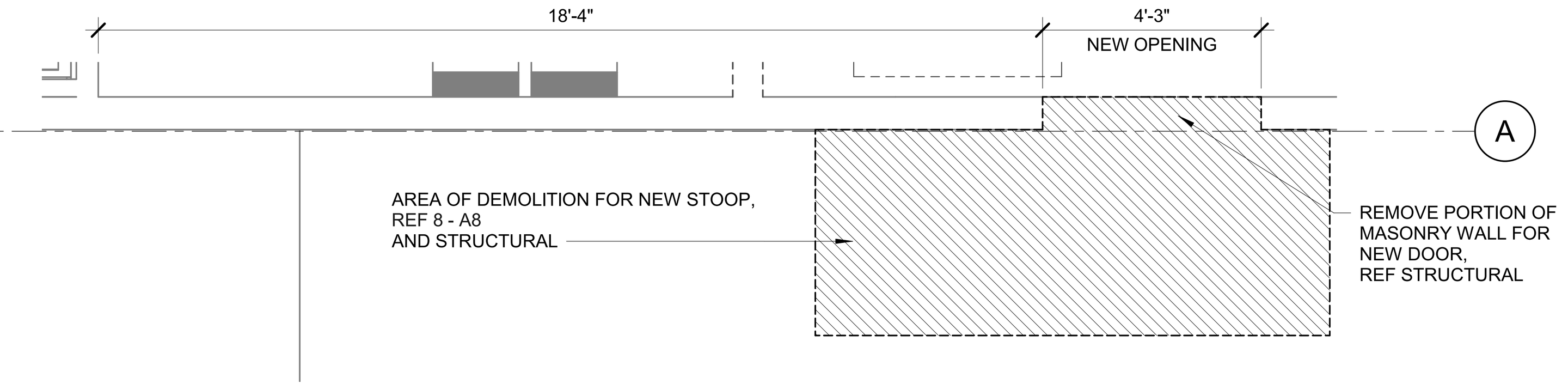
APPROVED BY **DATE**

DEMOLITION LEGEND

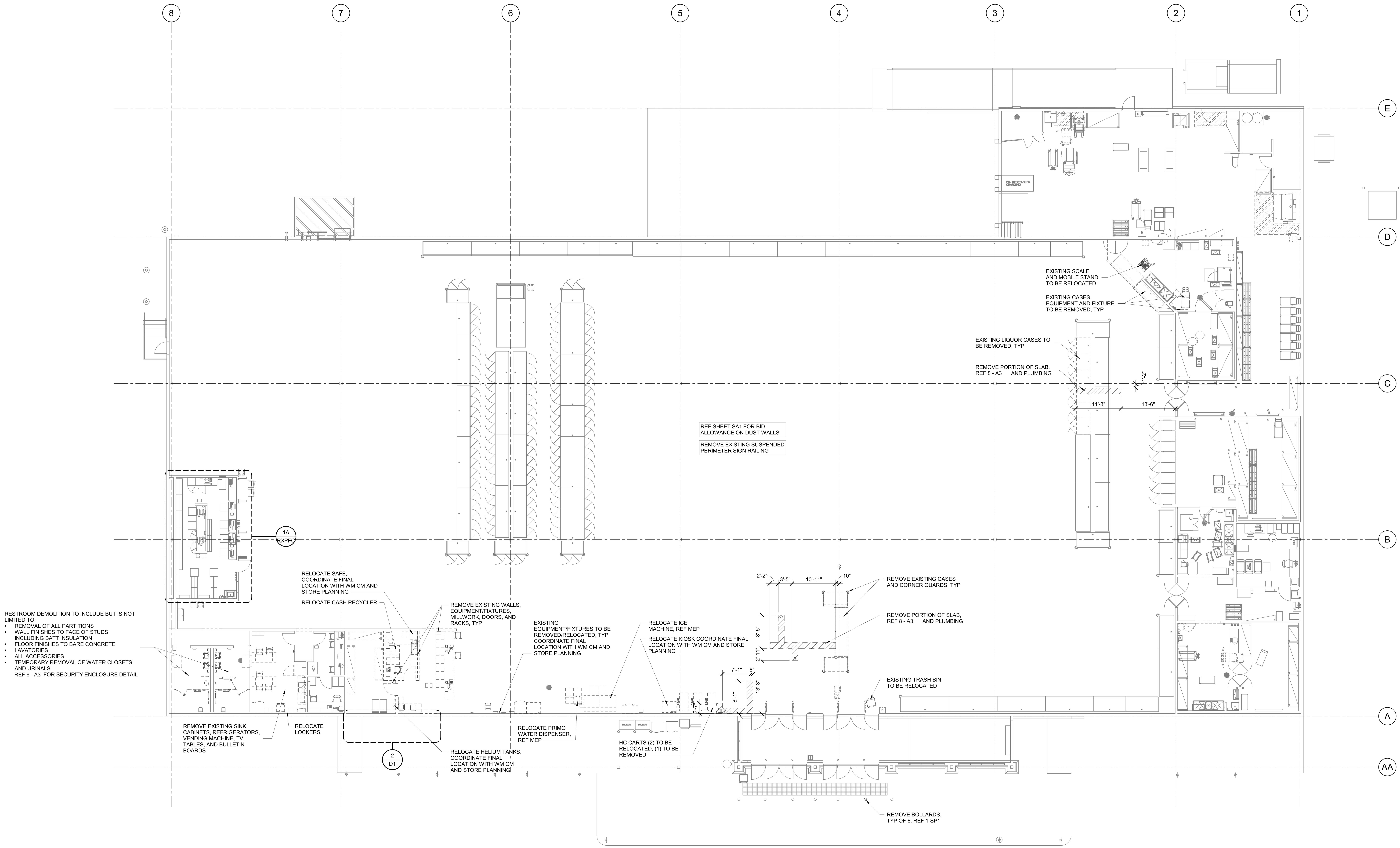
- EXISTING TO REMAIN
- DEMOLISH/REMOVE/RELOCATE
- AREA TO BE DEMOLISHED

SHEET NOTES

1. DEMOLITION INCLUDES BUT IS NOT LIMITED TO ITEMS SHOWN DASHED. REF DEMOLITION REQUIREMENT NOTE ON N1 SHEET.
2. REMOVE ALL DOORS SHOWN DASHED. REFER TO ENLARGED PLANS AND DOOR SCHEDULE FOR DOOR AND FRAME REPLACEMENT.
3. GC TO REMOVE ANY INTERIOR TENANT SIGNAGE OR ORNAMENTATION INSTALLED ON THE FRONT OR SIDE TENANT BULKHEADS. WALMART OWNED TENANT SIGNS AND ORNAMENTS ARE TO BE RETURNED TO THE STORE MANAGER. NON-WALMART OWNED TENANT SIGNS AND ORNAMENTS ARE TO BE RETURNED TO THE TENANT.
4. NOT USED.
5. REMOVE EXTERIOR BUILDING MOUNTED SIGNS, LIT AND UNLIT, EXCEPT TENANT SIGNS. PATCH AND REPAIR EXTERIOR WALL SURFACES, DAMAGED OR EXPOSED DUE TO SIGNS REMOVAL, TO MATCH ADJACENT AS REQUIRED.
6. COORDINATE EXTERIOR LIT SIGNAGE REMOVAL WITH WALMART CM. EXTERIOR LIT SIGNS CANNOT BE REMOVED WITHOUT WALMART CM APPROVAL. DISPOSE OF EXISTING FLUORESCENT LAMPS AND BALLASTS IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL GUIDELINES PRIOR TO PLACING SIGN(S) IN WASTE MANAGEMENT CONTAINER.



2 ENLARGED DEMOLITION PLAN
3/8" = 1'-0"



1 DEMOLITION PLAN
1" = 10'-0"

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CONSULTANTS

Walmart
ALBUQUERQUE, NM
11018 MONTGOMERY BLVD NE
STORE NO: 3512-211
2021 MAJOR PROJECT
JOB NUMBER: 20694133 PROTO: 38

ISSUE BLOCK

CHECKED BY:	LGW	RO/AVT
DRAWN BY:		AP
PROTO CYCLE:		3/26/21
DOCUMENT DATE:		05/10/21

STATE OF NEW MEXICO
TRAVIS R. HAGER
No. 6148
REGISTERED ARCHITECT
05/10/2021

DEMOLITION PLAN

SHEET: D1

COLOR LEGEND

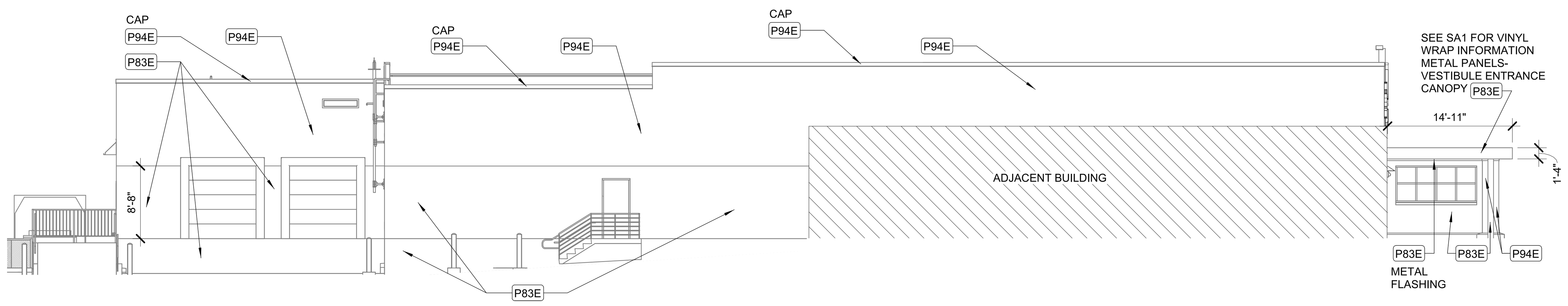
P5E	SAFETY YELLOW
P94E	EXTERIOR DROMEDARY CAMEL
P76U	WALMART BLUE (URETHANE-LIKE)
P83E	COBBLE BROWN

HATCH LEGEND

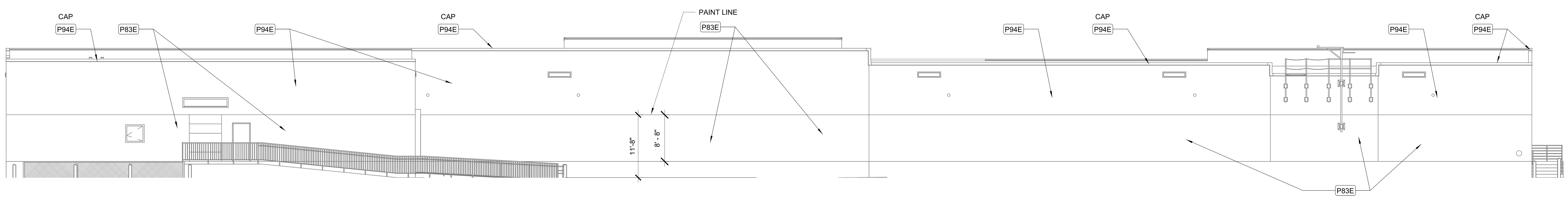
EIFS AREA TO BE RESURFACED (REF SPECS)

SHEET NOTES

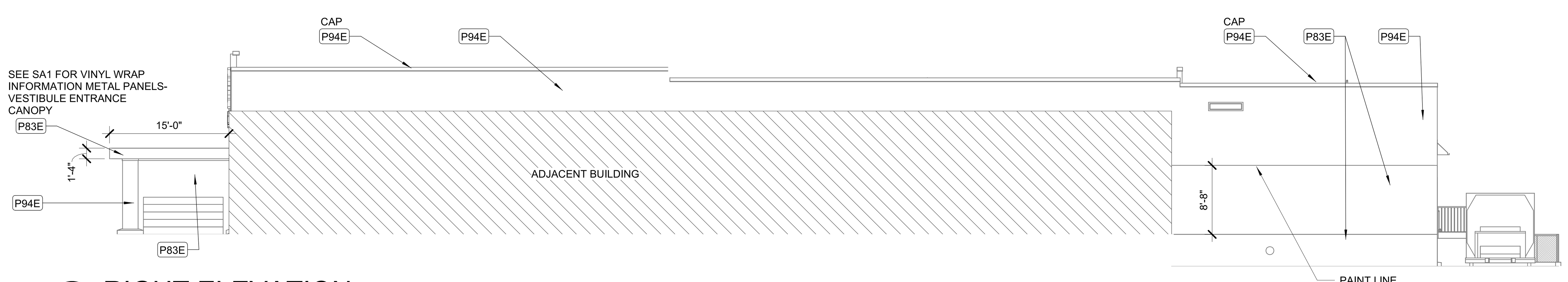
1. DOOR HOODS, STEEL DOORS AND FRAMES, EXPOSED METAL FLASHING, HANDRAILS, AND EXPOSED MISCELLANEOUS STEEL SHALL MATCH ADJACENT BUILDING COLOR UNO. IF THERE ARE TWO COLORS AT WALL ADJACENT TO DOOR AND FRAME, USE BOTTOM COLOR FOR ENTIRE DOOR AND FRAME.
2. PAINT ALL EXTERIOR ENTRY BOLLARDS TO MATCH EXISTING COLOR UNLESS NOTED TO RECEIVE PLASTIC BOLLARD SLEEVE.
3. PAINT SECURITY WALL PACK HOUSINGS TO MATCH ADJACENT WALL. REMOVE PAINT OVERSPRAY FROM LENSES.
4. DO NOT PAINT WINDOW FRAMES OR STOREFRONT DOOR FRAMES.
5. PAINT ANY NEW ROOFTOP GAS PIPING P5E. WHERE EXTERIOR WALL IS BEING PAINTED, GAS PIPE ALONG SIDE WALL TO GRADE SHOULD MATCH ADJACENT BUILDING. DO NOT PAINT METER OR VALVES.
6. NOT USED.



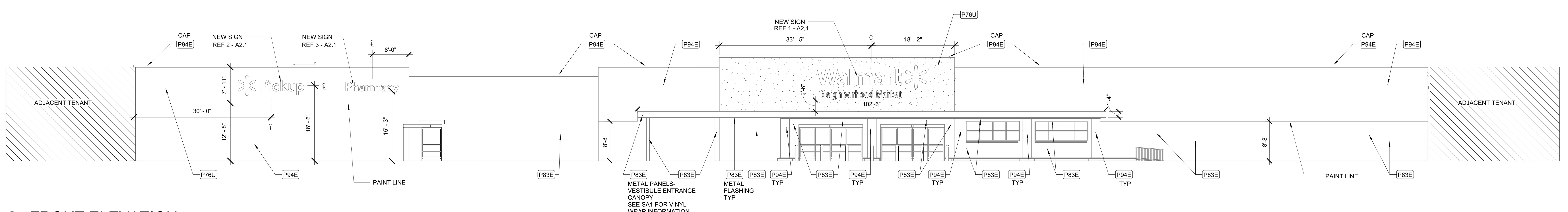
4 LEFT ELEVATION
1" = 10'-0"



3 REAR ELEVATION
1" = 10'-0"



2 RIGHT ELEVATION
1" = 10'-0"



1 FRONT ELEVATION
1" = 10'-0"

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EXTERIOR ELEVATIONS

SHEET: A2

EXISTING SIGNAGE SCHEDULE						
SIGNAGE LOCATION	QTY	LIGHTED	COLOR	SIZE	AREA (SF)	TOTAL AREA (SF)
FRONT SIGNAGE						
Walmart* (Spark) Neighborhood	1	LED	WHITE/YELLOW	3'-6"	188.30 SF	188.30 SF
Pharmacy	1	N/A	WHITE	2'-6"	62.68 SF	62.68 SF
FRONT SIGNAGE						250.98 SF
TOTAL BUILDING SIGNAGE						250.98 SF

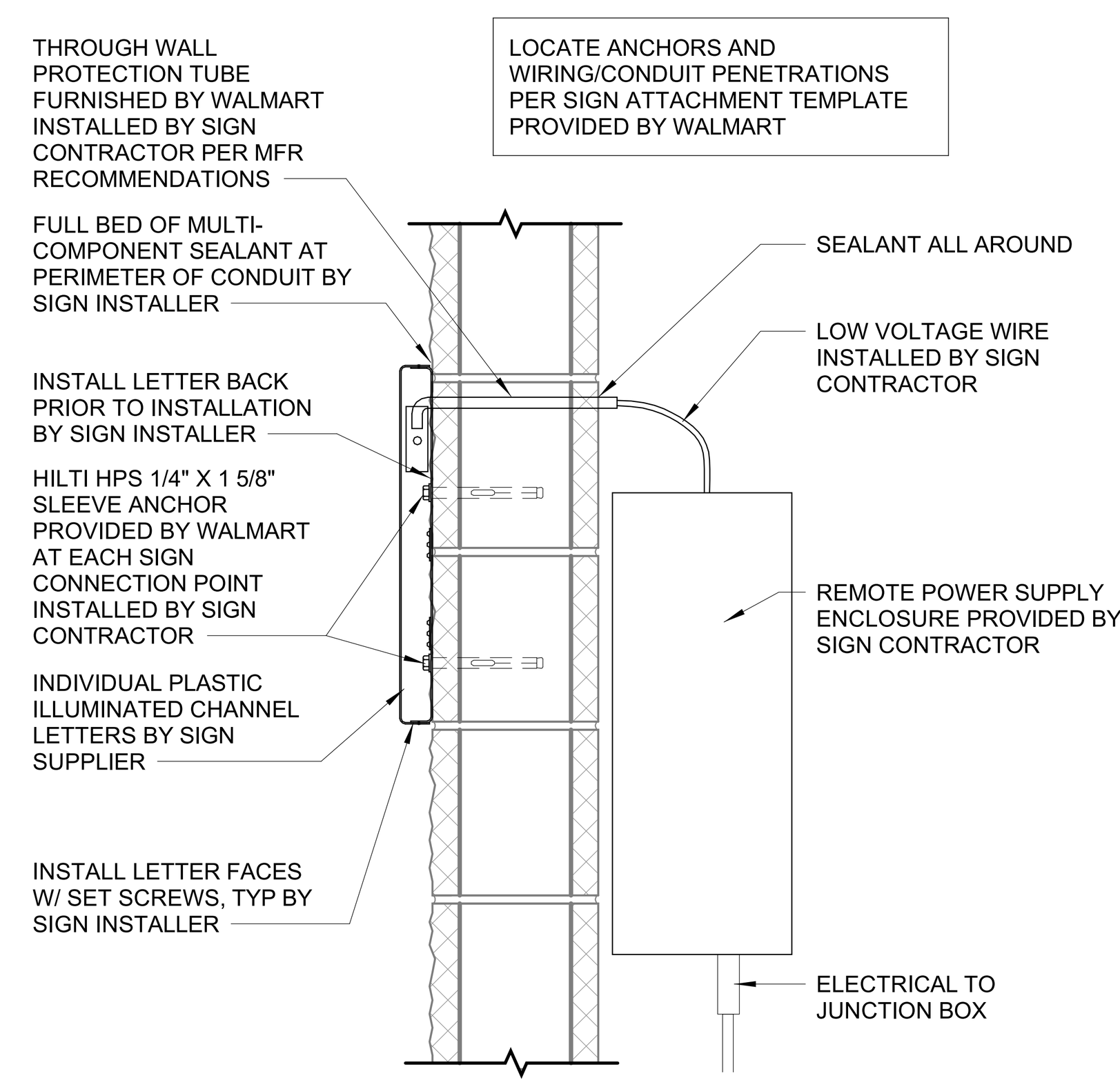
NEW SIGNAGE SCHEDULE						
SIGNAGE LOCATION	QTY	LIGHTED	COLOR	SIZE	AREA (SF)	TOTAL AREA (SF)
FRONT SIGNAGE						
Walmart* (Spark) Neighborhood	1	LED	WHITE/YELLOW	3'-6"	177.89 SF	177.89 SF
*(Spark) Pickup	1	LED	WHITE/YELLOW	2'-6"	65.43 SF	65.43 SF
Pharmacy	1	N/A	WHITE	2'-0"	31.32 SF	31.32 SF
FRONT SIGNAGE						274.64 SF
TOTAL BUILDING SIGNAGE						274.64 SF

SIGNAGE GENERAL NOTES

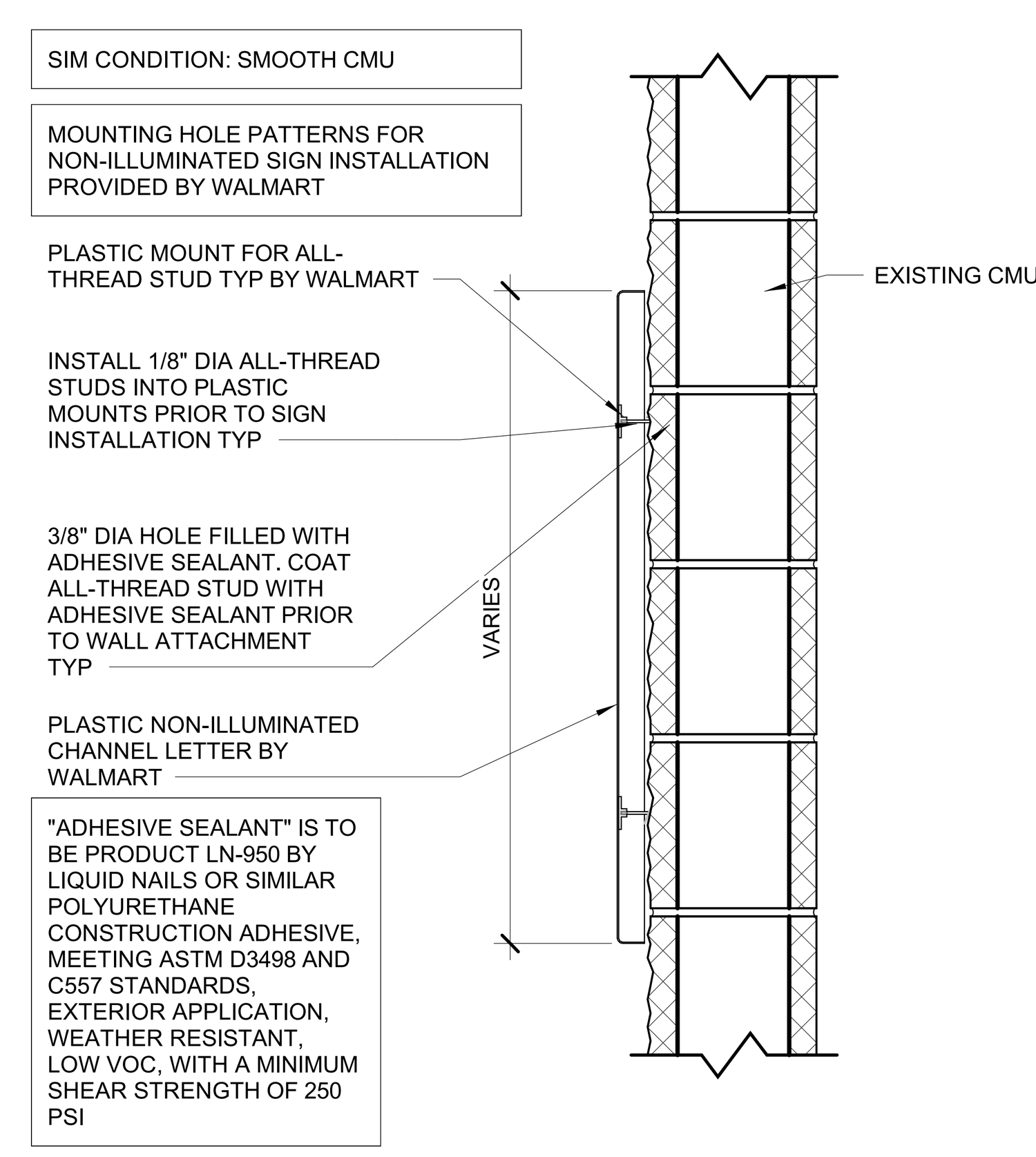
1. SIGNAGE FURNISHED BY WAL-MART AND INSTALLED BY GC.
2. ALL EXISTING WALMART EXTERIOR SIGNAGE IS TO REMAIN IN PLACE ON THE BUILDING UNTIL THE GC SIGN COMPANY IS ONSITE. THE EXISTING SIGNAGE WILL THEN BE REMOVED, PATCH AND REPAIR WORK WILL BE COMPLETED AT SIGN LOCATIONS, AND NEW SIGNAGE WILL BE INSTALLED PER PLANS.
   A. A TEMPORARY BANNER WILL BE INSTALLED PRIOR TO REMOVAL OF EXISTING EXTERIOR SIGNAGE. BANNER WILL REMAIN IN PLACE UNTIL ALL MODIFICATIONS AND/OR REPAIRS HAVE BEEN COMPLETED AND NEW SIGNAGE IS INSTALLED.
   B. TEMPORARY BANNER WILL BE APPROXIMATELY 125 SF (5'X25').
   C. EXTERIOR SIGN WORK NEEDS TO BE SCHEDULED, COORDINATED, AND COMPLETED DURING WEEK 6 OF THE CONSTRUCTION SCHEDULE.
3. GENERAL CONTRACTOR RESPONSIBILITIES
   A. BY END OF FIRST WEEK OF CONSTRUCTION, REVIEW EXISTING CONSTRUCTION WHERE SIGN(S) WILL BE INSTALLED. IF EXISTING CONDITIONS DO NOT MATCH SIGN ATTACHMENT DETAILS SHOWN, REQUEST APPROVAL FROM CONSTRUCTION MANAGER TO SUBMIT RFI IN ACCORDANCE WITH SECTION 01255. NOTE DIFFERENCES IN CONSTRUCTION, INCLUDING DIMENSIONS, AND INCLUDE PHOTOGRAPHS FOR CLARIFICATION.
   B. PROVIDE SUBSTRATE SUITABLE FOR INSTALLATION OF SIGNAGE. REFER TO SIGN DETAILS FOR LIGHTED ID/LOGO SIGNS.
   C. PROVIDE JUNCTION BOXES AND CIRCUITRY TO NEW "Walmart" and "spark" SIGNAGE. EXISTING (8) BOXES FROM "WAL«MART" SIGNAGE MAY BE REUSED.
   D. PROVIDE JUNCTION BOXES AND CIRCUITRY TO TENANT SIGNAGE LOCATION SHOWN. REFER TO ELECTRICAL.
   E. INSTALL ACCESS DOORS AND FRAMES IN GYPSUM BOARD CEILINGS IF REQUIRED BY RELOCATION OF EXISTING TENANT SIGNAGE.
   F. VERIFY VOLTAGE AT CIRCUITS FEEDING LIGHTED SIGNAGE. REFER TO ELECTRICAL
   G. MAKE FINAL TERMINATIONS ON LIGHTED SIGNAGE.
   H. REMOVE ALL LIT ID/LOGO SIGNS AND UNLIT EXTERIOR STUD MOUNTED BUILDING SIGNS. UNLESS NOTED OTHERWISE.
   I. MAKE REQUIRED EXTERIOR WALL PENETRATIONS, INSTALL CONDUIT, AND SEAL PENETRATIONS PER SPECIFICATION SECTION 07900.
   J. INSTALL SIGNAGE PER DETAILS.

DEMOLITION NOTES

1. REMOVE ALL UNLIT EXTERIOR STUD MOUNTED BUILDING SIGNS.
2. REMOVAL OF LIT ID/LOGO SIGNS SHALL BE BY OTHERS.
3. NOT USED.
4. NOT USED.
5. NOT USED.
6. REMOVAL OF BUILDING MOUNTED ITEMS, SHOWN OR NOTED TO BE DEMOLISHED OR AS REQUIRED BY SCOPE OF WORK, SHALL OCCUR PRIOR TO PAINTING BUILDING. COORDINATE DEMOLITION WORK SO EXTERIOR PAINTING WILL OCCUR PRIOR TO INSTALLATION OF BUILDING MOUNTED ITEMS.



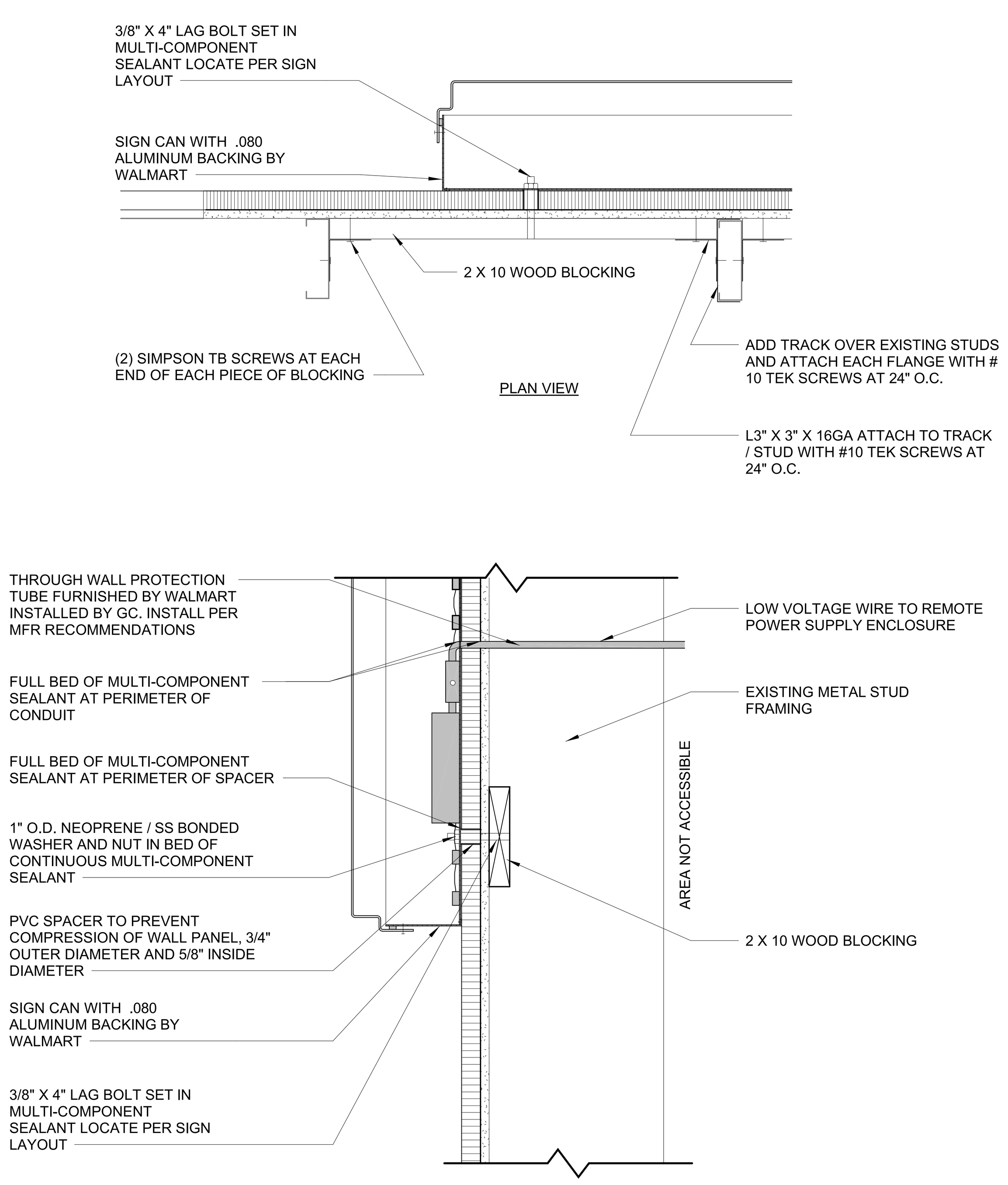
6 SIGNAGE ATTACHMENT
1 1/2" = 1'-0"

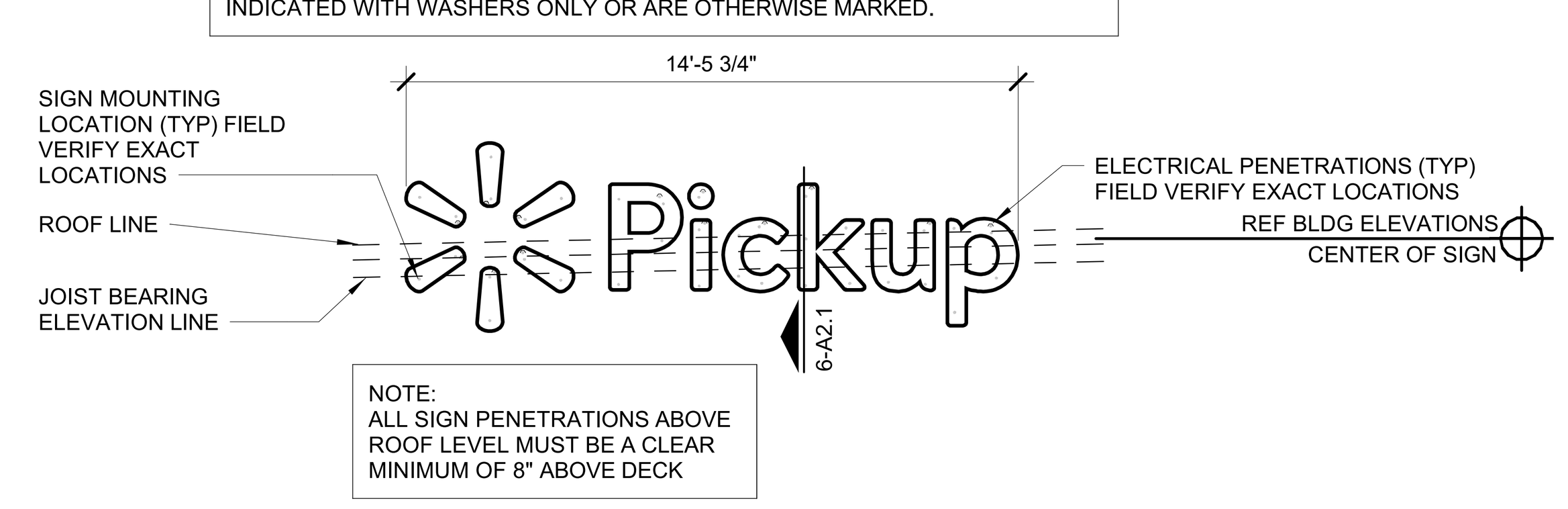


5 SIGN ATTACHMENT AT CMU WALL
1 1/2" = 1'-0"

ALL PRIMARY MOUNTING HOLES MUST BE UTILIZED. IF MOUNTING THROUGH PRIMARY HOLE IS OBSTRUCTED BY REBAR, METAL STUDS, CHANNELS, OR OTHER MISC METAL, SEAL PRIMARY HOLE IN SIGN CAN AND MOUNT THROUGH THE NEAREST ALTERNATE MOUNTING HOLE. PRIMARY HOLES ARE INDICATED WITH PREDRILLED HOLES THROUGH WASHERS. ALTERNATE HOLES ARE INDICATED WITH WASHERS ONLY OR ARE OTHERWISE MARKED.

NOTE TO SIGN INSTALLER:
ALL PRIMARY MOUNTING HOLES MUST BE UTILIZED. IF MOUNTING THROUGH PRIMARY HOLE IS OBSTRUCTED BY REBAR, METAL STUDS, CHANNELS, OR OTHER MISC METAL, SEAL PRIMARY HOLE IN SIGN CAN AND MOUNT THROUGH THE NEAREST ALTERNATE MOUNTING HOLE. PRIMARY HOLES ARE INDICATED WITH PREDRILLED HOLES THROUGH WASHERS. ALTERNATE HOLES ARE INDICATED WITH WASHERS ONLY OR ARE OTHERWISE MARKED.

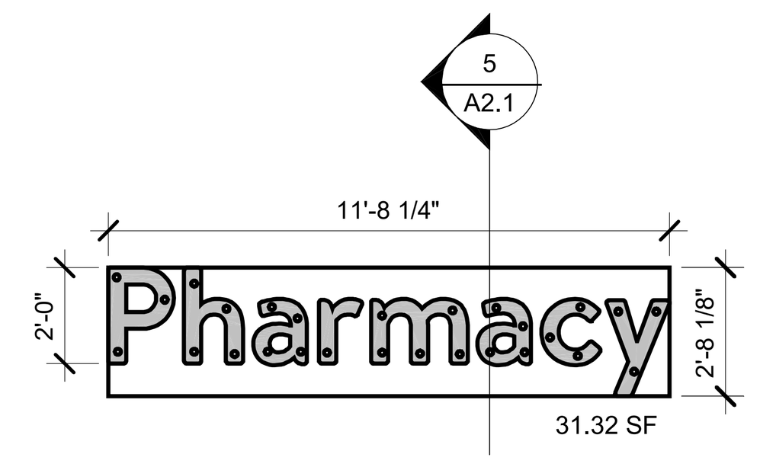




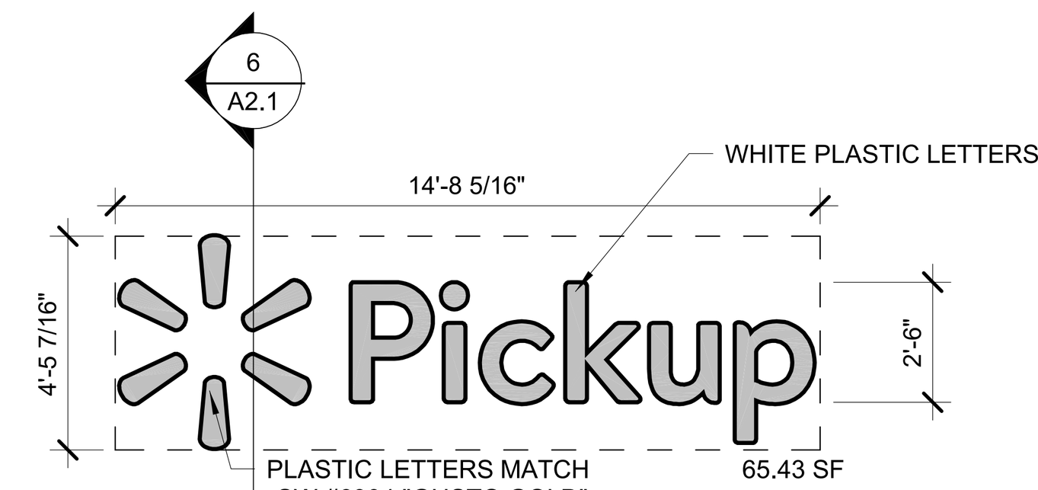
2A PICKUP SIGN MOUNTING DIAGRAM 2'6"
1/4" = 1'-0"

1A 3'-6" NEIGHBORHOOD MARKET SIGN MOUNTING DIAGRAM
1/4" = 1'-0"

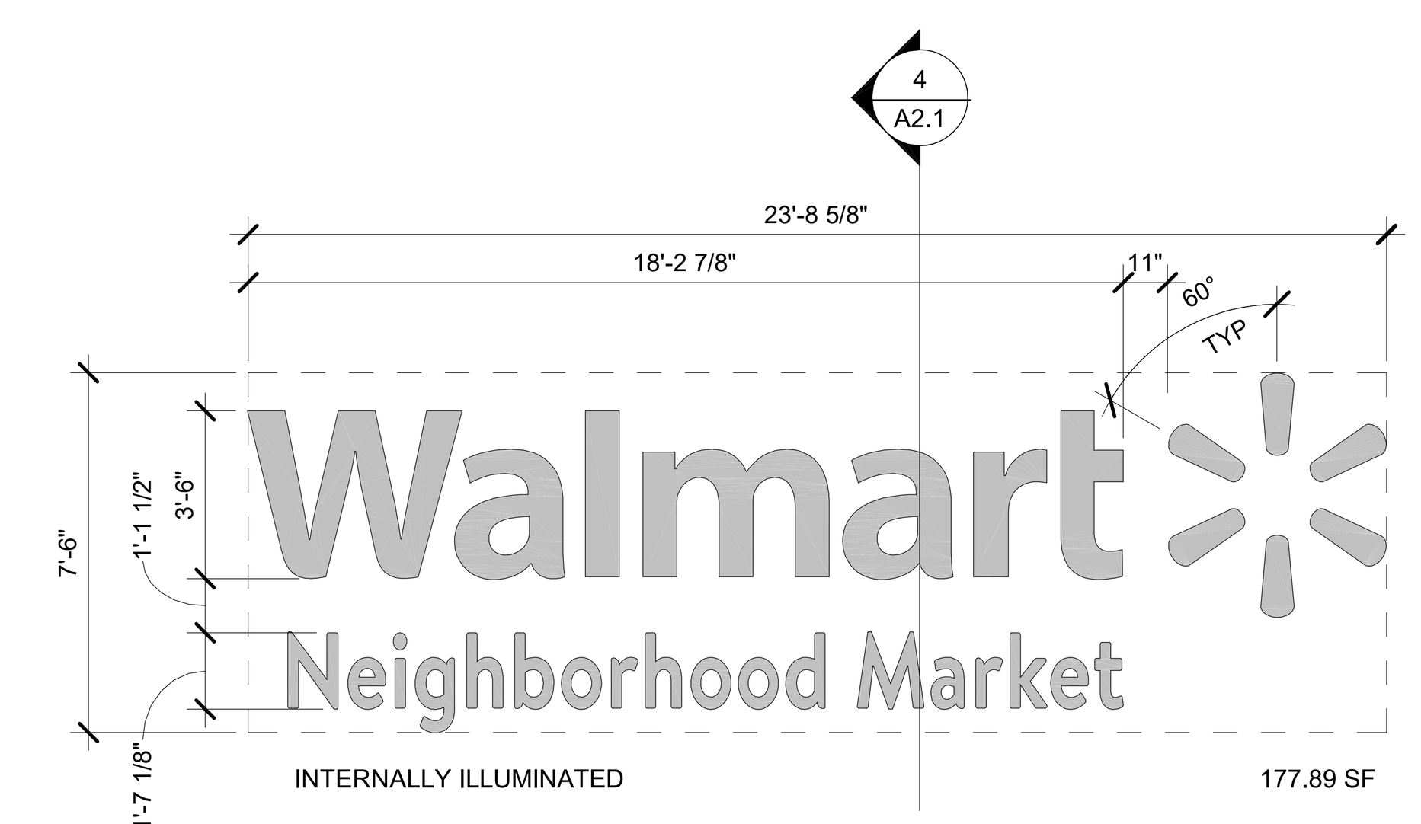
4 SIGN ATTACHMENT
1 1/2" = 1'-0"



3 2'-0" PHARMACY
1/4" = 1'-0"



2 2' - 6" PICKUP
1/4" = 1'-0"



1 3'-6" WALMART NEIGHBORHOOD MARKET
1/4" = 1'-0"

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EXTERIOR DETAILS

SHEET: A2.1

JOINT QUANTITY

ELEVATION:	FRONT	REAR	LEFT	RIGHT	TOTAL
TYPE	QUANTITY (SF)	QUANTITY (SF)	QUANTITY (SF)	QUANTITY (SF)	QUANTITY (SF)
# OF JOINTS	9	8	4	5	26

METAL PAINTING SUMMARY

ELEVATION:	FRONT	LEFT	REAR	RIGHT	OTHER	TOTAL	
TYPE	QUANTITY (SF	QUANTITY (SF	QUANTITY (SF	QUANTITY (SF	QUANTITY (SF	QUANTITY (SF)	
COPING	849	453	843	453	0	2598	
DOWNSPOUTS	0	0	0	0	0	0	
SCUPPER (EA)	0	0	30	10	0	40	
OVERFLOW DRAIN(EA)	0	0	0	0	0	0	
DOOR HOOD (EA)	0	0	15	0	0	15	
0	0	0	0	0	0	0	
0	0	0	0	0	0	0	
0	0	0	0	0	0	0	
0	0	0	0	0	0	0	
TOTALS	849	453	888	463	0	**2653**	GRAND TOTAL

MISC. TAKEOFFS

ELEVATION:	FRONT	LEFT	REAR	RIGHT	OTHER	TOTAL	
TYPE	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	
DOORS (EA)	0	1	1	0	0	2	(THIS IS FOR EACH DOOR - DOUBLE DOORS COUNT AS 2)
BOLLARDS (EA)	21	2	7	0	0	30	
AVE ELEVATION HEIGH	21	23	25	20	-		TAKE A WEIGHTED AVERAGE/REPRESENTATIVE HEIGHT
						0	
Perimeter (Horiz. joints	0	0	0	0	0	0	
						0	
						0	
						0	
						0	

SUBSTRATE BY ELEVATION

ELEVATION:	FRONT	LEFT	REAR	RIGHT	OTHER	TOTAL
SUBSTRATE	QUANTITY (SF)	QUANTITY (SF)	QUANTITY (SF)	QUANTITY (SF)	QUANTITY (SF)	QUANTITY (SF)
SMOOTH CMU	0	1942	5370	1282	0	8594
SPLITFACE CMU	4848	86	0	81	0	5015
EIFS	616	2	0	2	0	620
NATURAL STONE	0	0	0	0	0	0
TRESPA PANELS	0	0	0	0	0	0
TOTALS:	5464	2030	5370	1365	0	14229

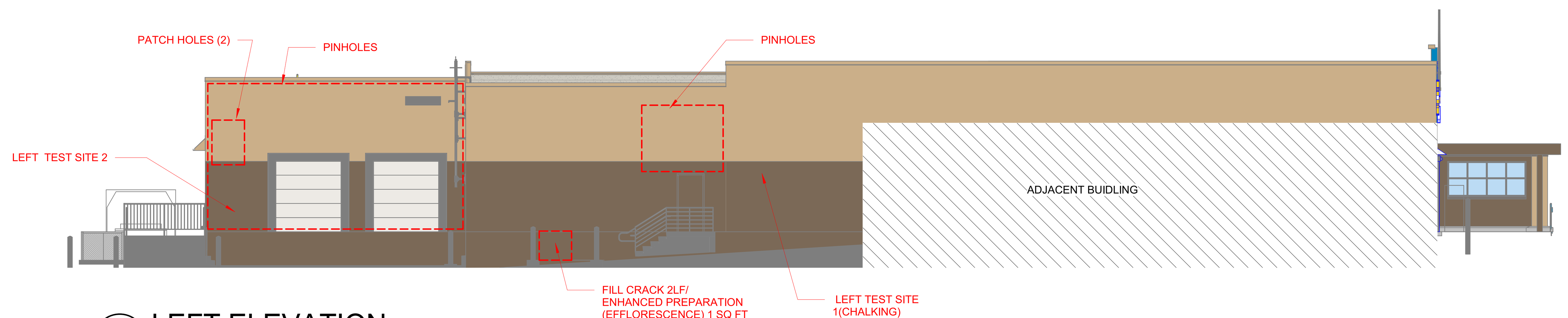
SUMMARY OF ASSESSMENT

DEFICIENCY	ELEVATION: / LEVEL OF SEVERITY	FRONT QUANTITY (SF)	LEFT QUANTITY (SF)	REAR QUANTITY (SF)	RIGHT QUANTITY (SF)	NOTES ON TESTS:
BLISTERING	MODERATE	0	0	0	0	
	SEVERE	0	0	0	0	
FLAKING	MODERATE	0	0	0	0	
	SEVERE	0	0	0	0	
MUDCRACKING	MODERATE	0	0	0	0	
	SEVERE	30	0	0	0	
PINHOLES	MODERATE	0	0	0	0	
	SEVERE	30	100	5000	100	
EFFLORESCENCE	VERTICAL (V) OR HORIZONTAL (H) OR	N/A	H	N/A	H	
ADDITIONAL TESTS						
PAINT THICKNESS (mm)		0.76	0.22	0.45	0.24	Thickness of paint, measured in mm.
MOISTURE CONTENT		161	207	192	212	Range : 0-999. Dry <169. Wet >200 (between is at risk)
RILEM SITE 1		0	0	0	0	Scale of 0-5 based on mL of water absorbed. Zero corresponds to no absorption, 2 corresponds to 2mL absorbed, etc.
RILEM SITE 2		0	0	0	0	
JOINT QUALITY		1.5	2	1.5	1	Condition score ranging from 0-3. Zero is in like new condition. Three has failed or reached the end of its lifespan
ADHESION SITE 1		2	1	1	1	Tape test graded on a scale of 1-3, with 1 being no separation and 3 being large amount of coating separation.
ADHESION SITE 2		2	1	1	1	
OVERALL SUBJECTIVE GRADE:			2			Subjective grade ranges from 1(best) to 5 (worst)

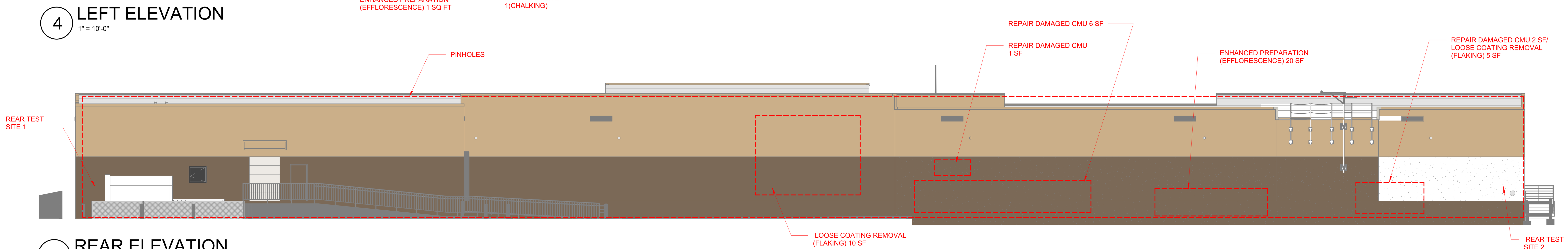
LABOR AND MATERIAL ESTIMATE

Labor		FRONT (SF)	LEFT (SF)	REAR (SF)	RIGHT (SF)	OTHER (SF)	TOTAL (SF)
Enhanced Prep Work		0	1	35	10		46
Total Coating Removal		0	0	0	0		0
Wall wash & prep (Brick, Trespa Panels, etc)		0	0	0	0	0	0
EIFS Painting - Inc. wash & prep		616	2	0	2	0	620
Painting Exterior Walls (CMU, Tilt-Up) - Inc. wash & prep		5464	2030	5370	1365	0	14229
Painting Metals		849	453	888	463	0	2653
Painting Man Doors		0	1	1	0	0	2
Joint Sealant Replacement (LF) - Vertical		189	184	100	100		573
Joint Sealant Replacement (LF) - Horizontal		0	0	0	0	0	0
Water repellant application							0
Painting Rooftop Gaslines						1400	1400
Painting Bollards (EACH)		21	2	7	0	0	30
Material	**COVERAGE**						**TOTAL (5 GAL)**
Masonry Sealant	115	0	0	0	0	0	0
Smart Strip Pro	45	0	0	0	0	0	0
STO prime Block Surfacer (Primer)	90	0	0	0	0	0	0
Existing to Remain (ETR) - Not Painted							
STO Lotusan (Light Gray)	240						0
STO Lotusan (Medium Gray)	240						0
STO Lotusan (Dark Gray)	240						0
STO Acryl Plus(Medium Walmart Blue)	180						0
STO Sealant	285	0	0	0	0	0	0
Existing to Remain Metals (ETR) - Not Painted							
PPG PSX One (metals)	400	849	478	913	463	0	2
BASF NP 100 (LF, TOTAL IN GALLONS)(Vert.)	40	189	184	100	100	0	15
BASF NP 100 (LF, TOTAL IN GALLONS)(Horiz.)	40	0	0	0	0	0	0
Restoration							**TOTAL (VARIES)**
Crack Fill (LF)		0	2	0	0		2
Patch Hole		5	2	0	0		7
Block Patching (SF)		1	0	9	0		10

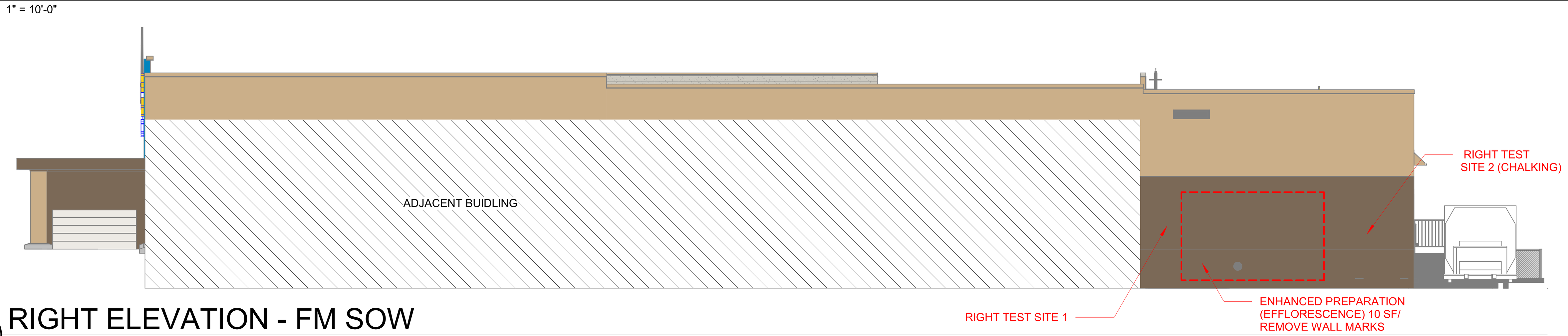
5 LABOR AND MATERIAL SUMMARY
12" = 1'-0"



4 LEFT ELEVATION
1" = 10'-0"



3 REAR ELEVATION
1" = 10'-0"



2 RIGHT ELEVATION - FM SOW
1" = 10'-0"

1 FRONT ELEVATION
1" = 10'-0"

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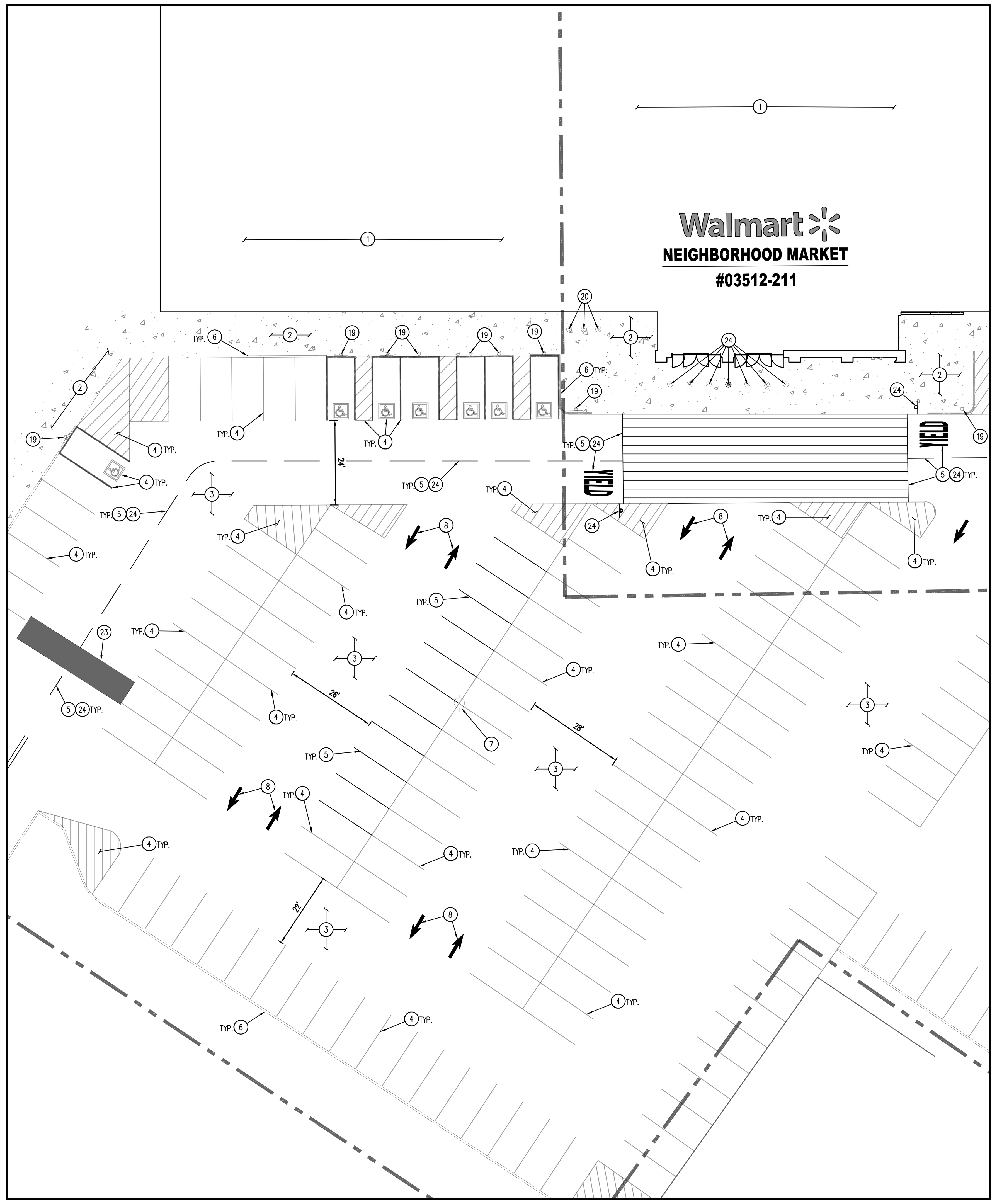
THIS SHEET IS INCLUDED FOR INFORMATIONAL PURPOSES ONLY AND IS **NOT TO BE SIGNED**

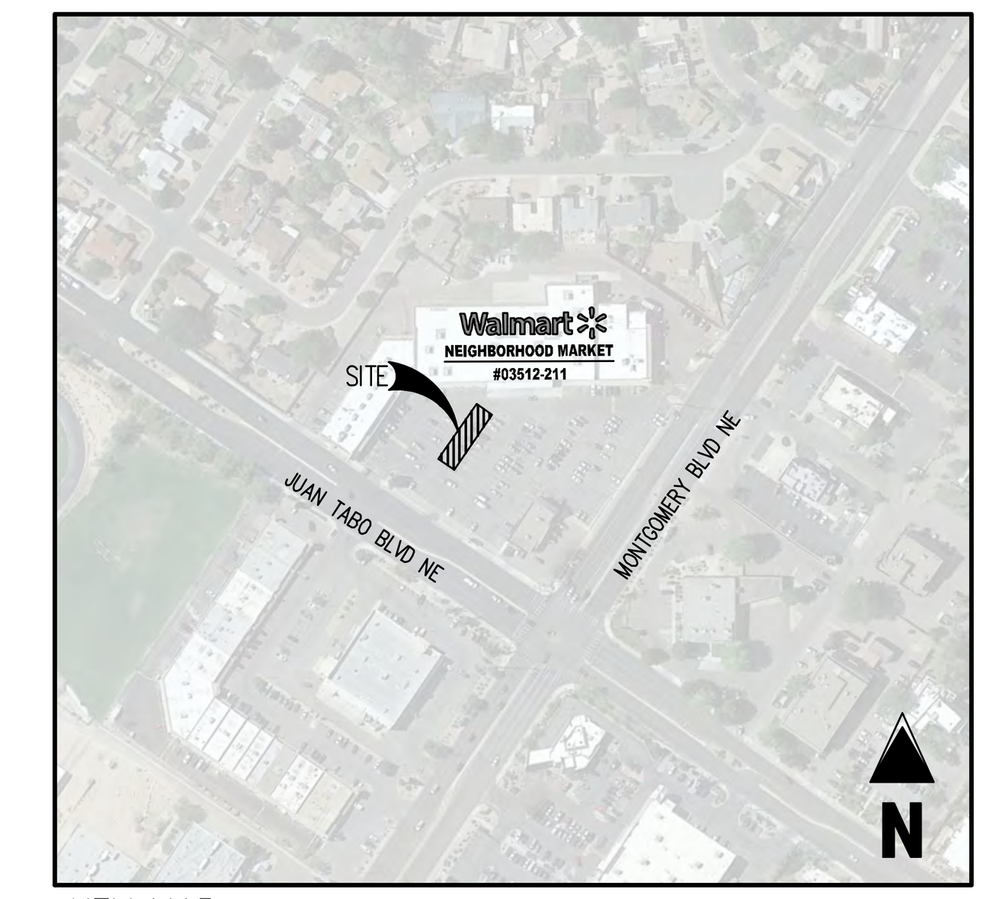
EXTERIOR ELEVATION EVALUATIONS (FOR REFERENCE ONLY)

SHEET: A2.1.1



DEMOLITION PLAN – EXISTING PARKING
SCALE: 1"=20'

SITE PLAN– PROPOSED PICKUP PARKING
SCALE: 1"=20'



KEY MAP
APPROX. 1" = 300'

LEGEND

	EXISTING TO REMAIN
	EXISTING TO BE REMOVED
	EXISTING ASPHALT PAVEMENT TO REMAIN
	EXISTING CONCRETE PAVEMENT TO REMAIN
	PROPOSED SEAL COAT OF EXISTING PAVEMENT
	EXISTING SIGN TO REMAIN
	EXISTING SIGN TO BE REMOVED
	PROPOSED PICKUP SIGNAGE

SITE & DEMOLITION SCHEDULE

1. EXISTING WALMART BUILDING TO REMAIN.
2. EXISTING CONCRETE SIDEWALK TO REMAIN.
3. EXISTING ASPHALT PAVEMENT TO REMAIN
4. EXISTING PARKING LOT STRIPING & PAVEMENT MARKING TO REMAIN.
5. EXISTING PARKING LOT STRIPING & PAVEMENT MARKING TO BE REMOVED.
6. EXISTING CURB AND GUTTER TO REMAIN.
7. EXISTING LIGHT POLE AND BASE TO REMAIN.
8. EXISTING ARROW PAVEMENT MARKING TO BE REMOVED (REF. SSM/SECP PLANS)
9. PROPOSED STOP SIGN (REF SSM/SECP PLANS)
10. PROPOSED SEAL COAT OF EXISTING PAVEMENT.
11. PROPOSED PICKUP DOOR (REF. ARCH PLANS).
12. PROPOSED ASSOCIATE PATH CROSSWALK STRIPING (REF. SITE DETAILS)
13. PROPOSED 4" SOLID YELLOW PAINTED STRIPES AT 45° @ 2'–0" O.C.
14. PROPOSED PICKUP SIGNAGE (REF. SITE DETAILS)
15. PROPOSED SIGN MOUNTING AND BASE WITH BOLLARD (REF. SITE DETAILS).
16. PROPOSED PICKUP STALL STRIPING AND PICKUP NUMBER MARKING (REF. SITE DETAILS).
17. PROPOSED R1–5B – "STOP HERE FOR PEDESTRIANS" SIGNAGE (REF. SITE DETAILS).
18. EXISTING SIGN TO BE REMOVED
19. EXISTING SIGN TO REMAIN
20. EXISTING SITE BOLLARD TO REMAIN (REF SSM/SECP DETAILS)
21. PROPOSED SITE BOLLARD (REF. SSM/SECP DETAILS)
22. PROPOSED 4" WIDE PAINTED YELLOW STRIPES – 6' LONG WITH 18' GAPS. (REF. SSM/SECP PLANS)
23. EXISTING SPEED BUMP TO REMAIN
24. REFERENCE SSM/SECP PLANS

DEMOLITION NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSAL (IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES) ALL STRUCTURES, PADS, WALLS, FLUMES, FOUNDATIONS, PARKING, DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC., SUCH THAT THE IMPROVEMENTS SHOWN ON THE PROPOSED PLANS CAN BE CONSTRUCTED. ALL FACILITIES TO BE REMOVED SHALL BE UNDERCUT TO SUITABLE MATERIAL AND BROUGHT TO GRADE WITH SUITABLE COMPACTED FILL MATERIAL PER THE SPECIFICATIONS. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
2. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL.
3. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY CONCERNING PORTIONS OF WORK WHICH MAY BE PERFORMED BY THE UTILITY COMPANY THEMSELVES AND ANY FEES WHICH ARE TO BE PAID TO THE UTILITY COMPANY FOR THEIR SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL FEES AND CHARGES.
4. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR MARKING ONSITE LOCATIONS OF EXISTING UTILITIES.
5. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK. UTILITIES DETERMINED TO BE ABANDONED AND LEFT IN PLACE SHALL BE GROUTED IF UNDER BUILDING.
6. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC., (AND OTHER APPROPRIATE BEST MANAGEMENT PRACTICES) AS APPROVED BY CITY AND OWNER. SHOULD REMOVAL AND/OR RELOCATION ACTIVITIES DAMAGE EXISTING FACILITIES TO REMAIN, THE CONTRACTOR SHALL PROVIDE NEW MATERIALS/ STRUCTURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. EXCEPT FOR MATERIALS DESIGNED TO BE RELOCATED ON THIS PLAN, ALL OTHER CONSTRUCTION MATERIALS SHALL BE NEW. DAMAGE TO ALL EXISTING CONDITIONS TO REMAIN WILL BE REPLACED AT CONTRACTOR'S EXPENSE.
7. CONTRACTOR SHALL LIMIT SAW–CUT & PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS, BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IT'S REMOVAL AND REPAIR.
8. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 72 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
9. ALL EXISTING UTILITIES SHOWN ARE LOCATED ACCORDING TO THE INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME THE DRAWINGS WERE PREPARED AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER. GUARANTEE IS NOT MADE THAT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN OR THAT THE LOCATION OF THOSE SHOWN ARE ACCURATE. FINDING THE ACTUAL LOCATION OF ANY EXISTING UTILITIES IS THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE DONE BEFORE HE COMMENCES ANY WORK IN THE VICINITY. FURTHERMORE, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL DAMAGE DUE TO THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES, NOR FOR TEMPORARY BRACING AND SHORING OF SAME. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
10. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES ONE COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, SPECIFICATIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, AND EROSION CONTROL PLANS AND INSPECTION REPORTS (SWPPP).
11. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER/ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER AND NOTIFICATION TO THE ENGINEER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE OWNER AND ENGINEER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
12. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST OSHA STANDARDS FOR EXCAVATION AND TRENCHING PROCEDURES. CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, ETC. AS NECESSARY FOR THESE OPERATIONS, AND SHALL COMPLY WITH ALL OSHA PERFORMANCE CRITERIA.
13. DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER AND THE LOCAL MUNICIPALITIES. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY SERVICE HAS BEEN PROVIDED.
14. ANY RECYCLED MATERIAL TO BE STOCKPILED ON THE SITE SHALL BE STORED IN AS SMALL AN AREA AS PRACTICAL AND THE LOCATION OF ANY STOCKPILE SHALL BE WELL CLEAR OF THE BUILDING PAD AREA AND THE LOCATION MUST BE PRE–APPROVED BY THE ENGINEER AND OWNER PRIOR TO STOCKPILING.
15. QUANTITIES SHOWN HERE ARE APPROXIMATE AND ARE PROVIDED FOR CONVENIENCE ONLY AND NOT FOR BID PURPOSES. CONTRACTOR SHALL VERIFY QUANTITIES NECESSARY TO DEMO FACILITIES SHOWN.
16. ASBESTOS OR HAZARDOUS MATERIAL, IF FOUND ON SITE, SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIAL CONTRACTOR. REFERENCE ARCHITECTURAL PLANS FOR LIMITS OF BUILDING DEMOLITION.

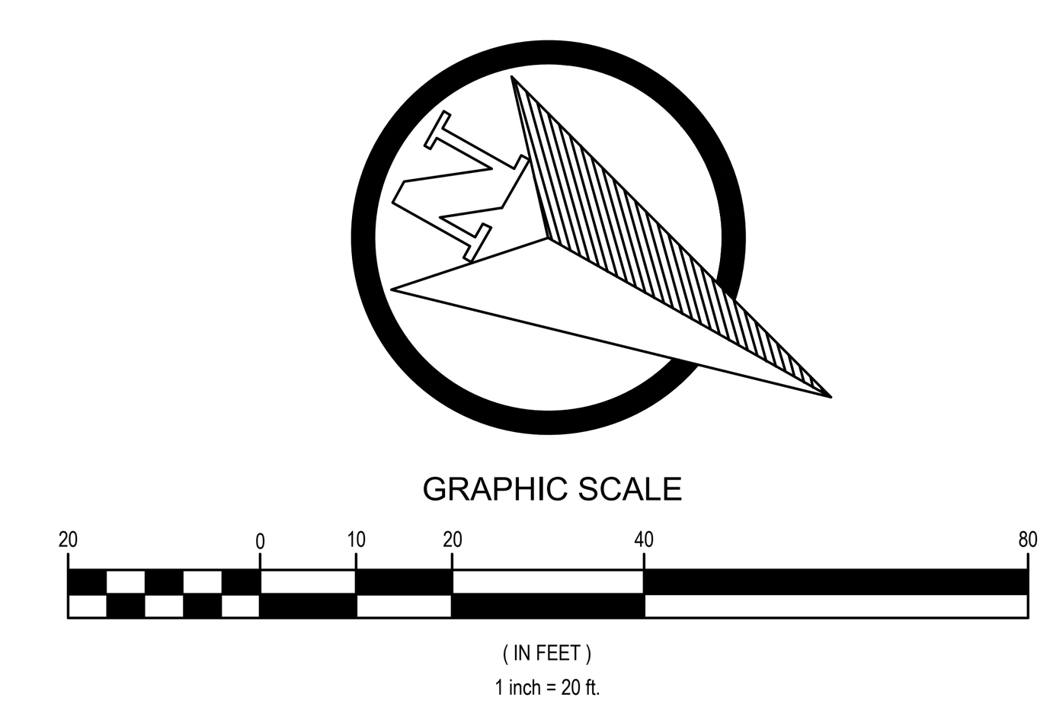
SITE NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
3. ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
4. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COST SHALL BE INCLUDED IN BASE BID.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITE WORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
6. THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED "THE SITE SPECIFIC SPECIFICATIONS".

CAUTION – NOTICE TO CONTRACTOR

1. ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE FIELD LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.

2. WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.



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BRANDON ALLEY
NEW MEXICO
25037
PROFESSIONAL ENGINEER
06/04/2021

Walmart
ALBUQUERQUE, NM
STORE NO. 03512–211
JOB NUMBER:SGA003512.20 | PROTO: PICKUP ENHNCMNT

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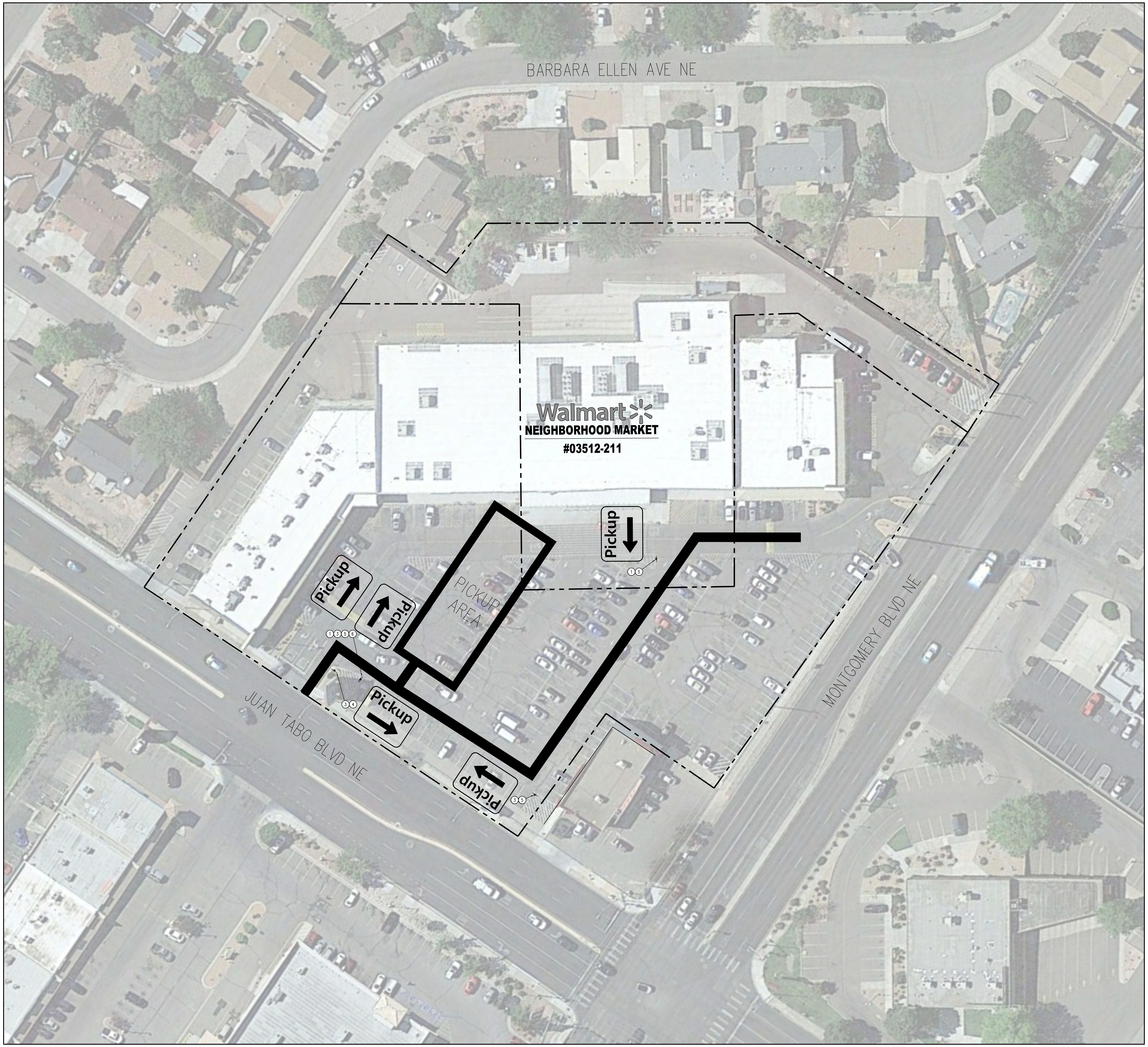
DRAWN BY:	TLW	
PROTO CYCLE:	–	
DOCUMENT DATE:	05/10/21	

DEMOLITION & SITE PLAN

SHEET: CS1



SIGNAGE & STRIPING SCHEDULE NOTES

1. PROPOSED PICKUP SIGNAGE, LEFT. SEE DETAIL SHEET CS3 FOR SIGNAGE AND LOCATION DETAILS.
2. PROPOSED PICKUP SIGNAGE, STRAIGHT. SEE DETAIL SHEET CS3 FOR SIGNAGE AND LOCATION DETAILS.
3. PROPOSED PICKUP SIGNAGE, RIGHT. SEE DETAIL SHEET CS3 FOR SIGNAGE AND LOCATION DETAILS.
4. NEW SIGN MOUNTING AND BASE WITH BREAK AWAY POST.
5. NEW SIGN MOUNTING AND BASE WITH BOLLARD POST.
6. NEW DOUBLE SIDED SIGN

SITE SIGNAGE LEGEND

- PROPERTY LINE
- PROPOSED PATH OF TRAVEL FOR PICKUP CUSTOMER.
- PROPOSED PICKUP AREA

SITE SIGNAGE NOTES

1. THIS PLAN WAS PREPARED BASED ON AN AERIAL CAPTURED 10/4/20. THIS PLAN IS FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL FIELD CONDITIONS MAY VARY SIGNIFICANTLY FROM THIS DRAWING.
2. REFERENCE SITE DETAILS FOR SIGN LOCATION & VESTIBULE CROSSWALK DETAILS FOR SITE SIGNAGE OFFSETS.
3. CONTRACTOR TO VERIFY EXISTING SIGNAGE CONDITIONS.

PICKUP EXTERIOR SIGN SCHEDULE

DESCRIPTION	DIMENSIONS	QUANTITY
WAITING SPACES LEFT	18 X 24	–
WAITING SPACES RIGHT	18 X 24	–
WAITING SPACES AHEAD	18 X 24	–
RESERVED WAITING	18 X 24	–
PICKUP LEFT PHARMACY RIGHT	18 X 24	–
PICKUP RIGHT PHARMACY LEFT	18 X 24	–
STOP THANKS FOR ORDERING	18 X 36	–
PICKUP HOURS	18 X 36	–
RESERVED	18 X 18	8
PHONE NUMBER	8 X 18	8
VERTICAL PICKUP	18 X 36	8
PICKUP LEFT	18 X 24	2
PICKUP AHEAD	18 X 24	0
PICKUP RIGHT	18 X 24	3

ALL PICKUP WAYFINDING AND STALL SIGNS ARE WALMART SUPPLIED AND CONTRACTOR INSTALLED. CONTRACTOR TO PLACE SIGN ORDER AT LEAST 3 WEEKS IN ADVANCE. ORDER SHALL BE SENT VIA EMAIL TO GETTY THOMAS (Getty.Thomas@walmart.com) AND BRAD KEENER (Bradley.Keener@walmart.com). REQUEST SHALL CONTAIN A DELIVERY ADDRESS, DESIRED DELIVERY DATE, AND ANY SITE SPECIFIC SIGN SIZE AND/OR COLORS BASED ON APPROVED PLANS.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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BRANDON ALLEY
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25037
PROFESSIONAL ENGINEER
06/04/2021

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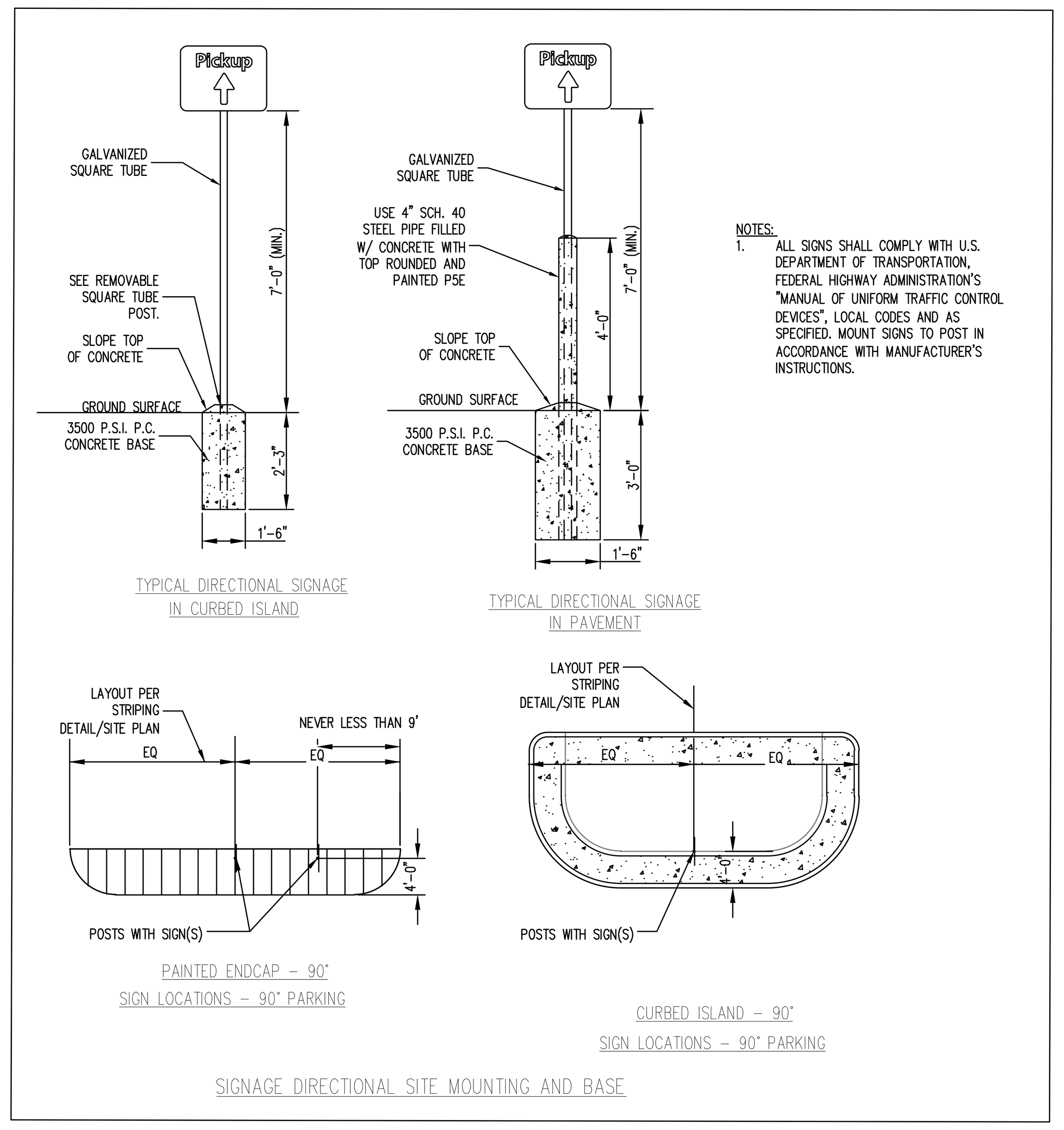
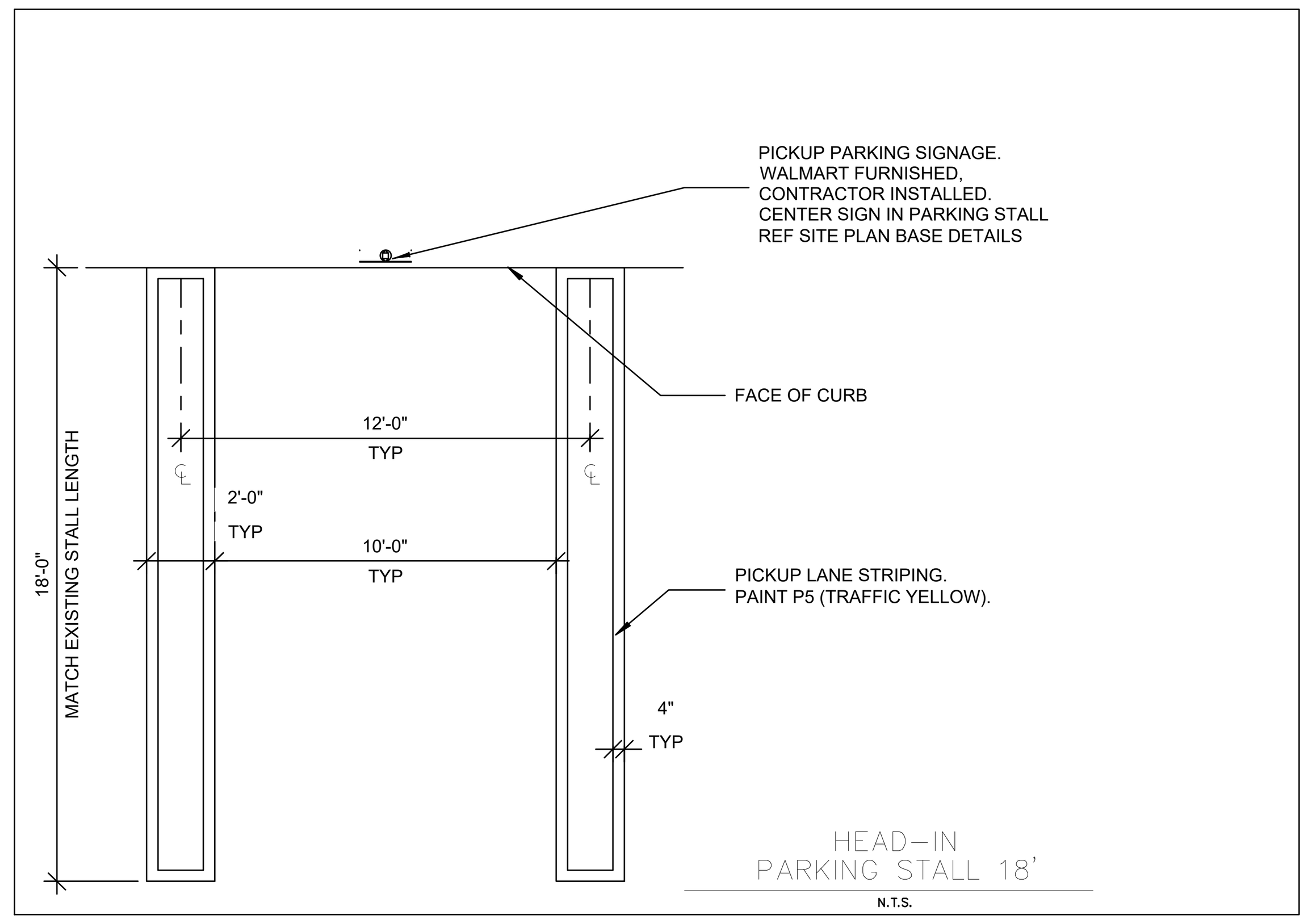
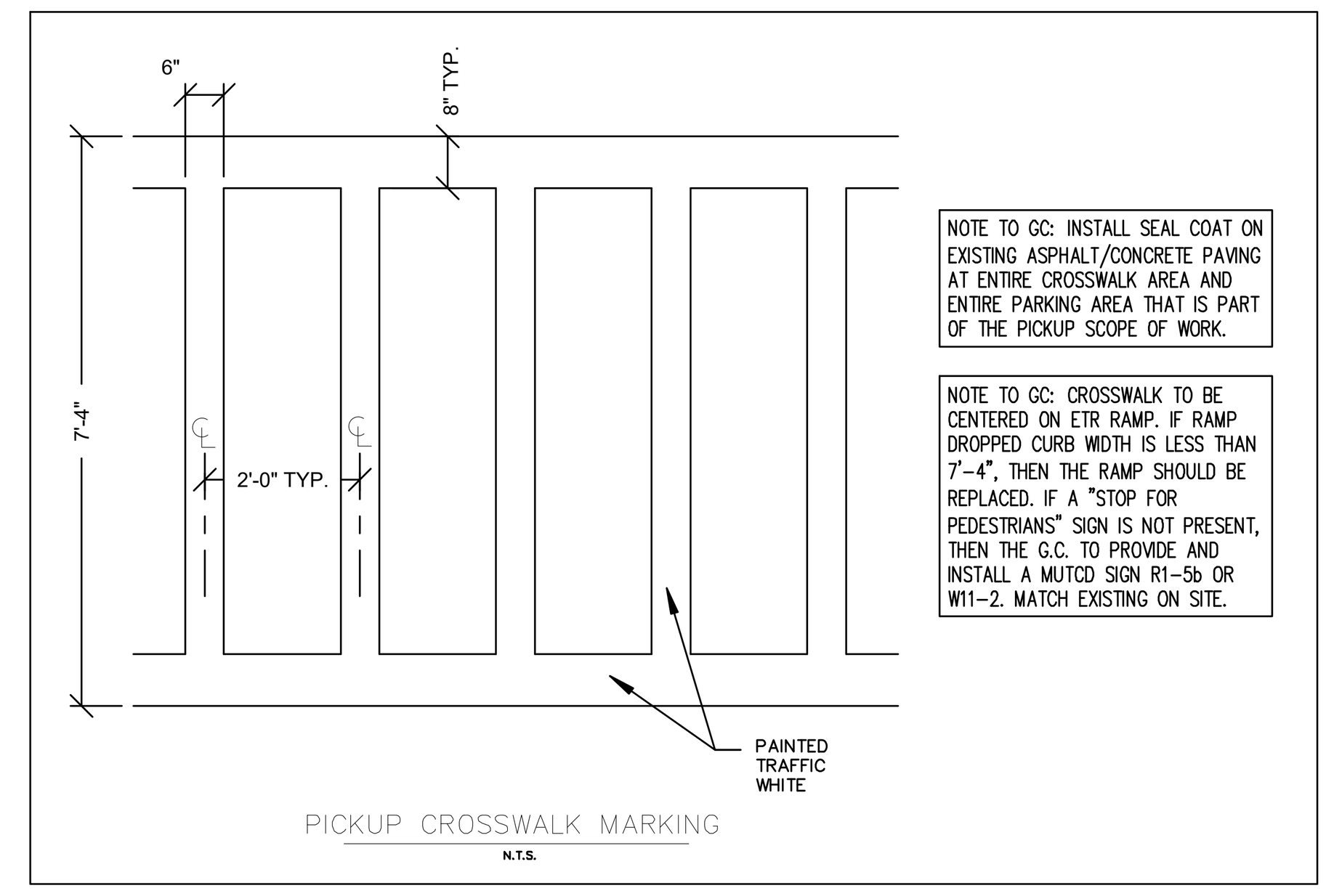
DOCUMENT DATE:	05/10/21

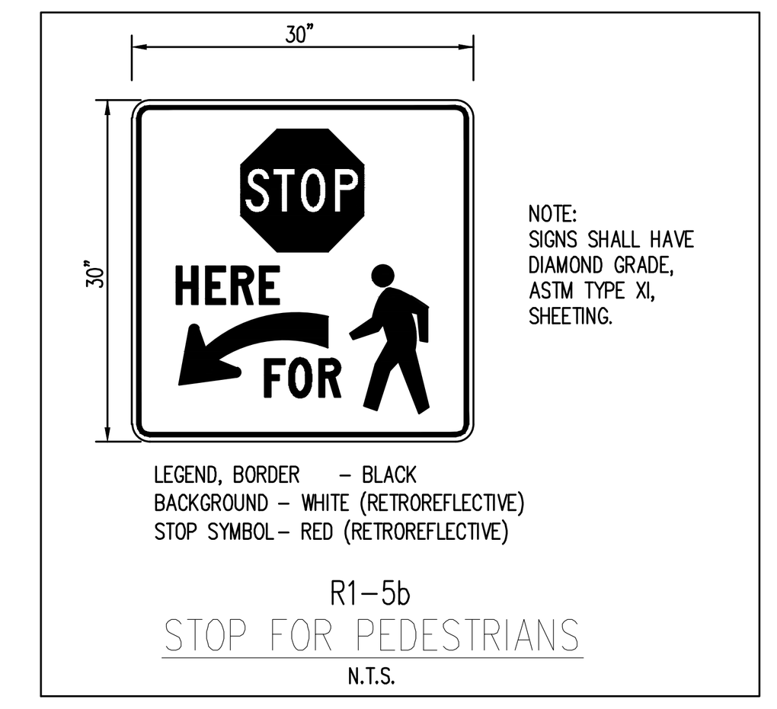
SITE SIGNAGE PLAN

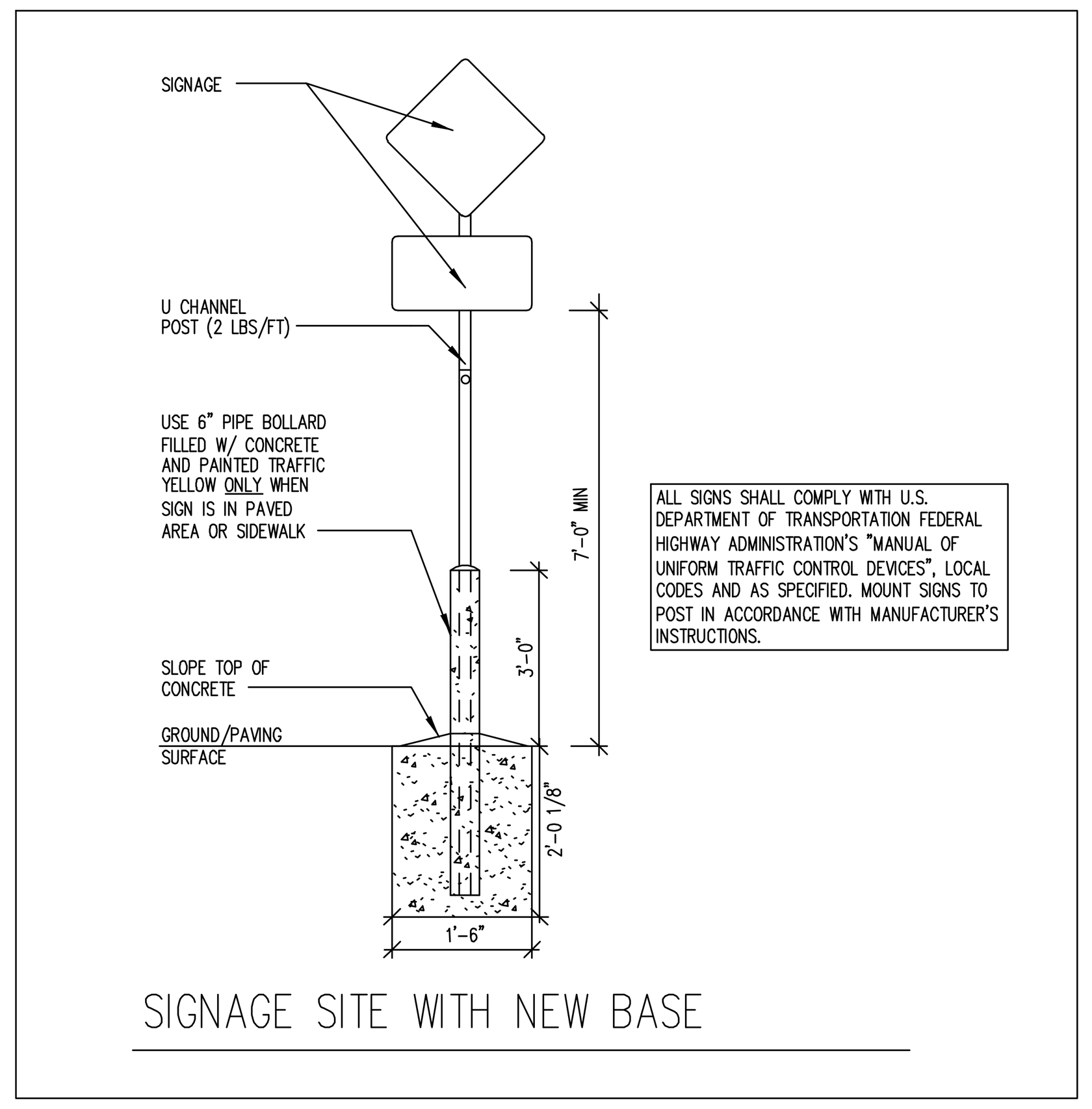
SHEET:
CS2

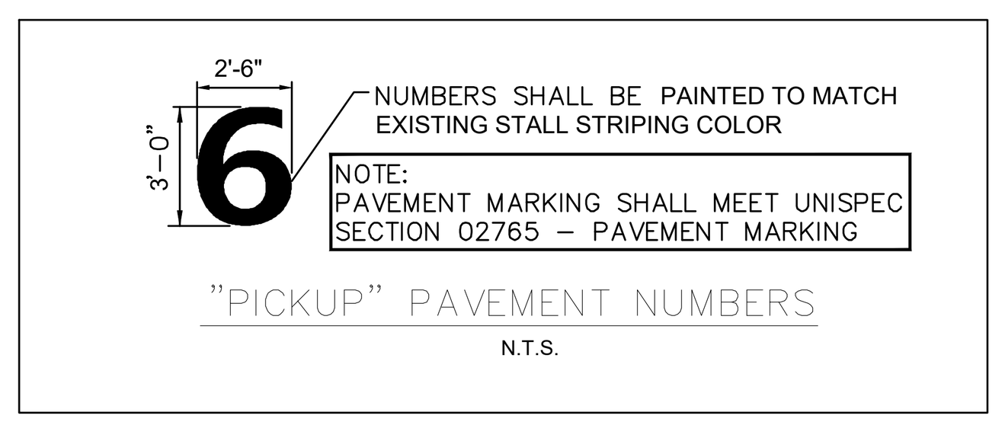


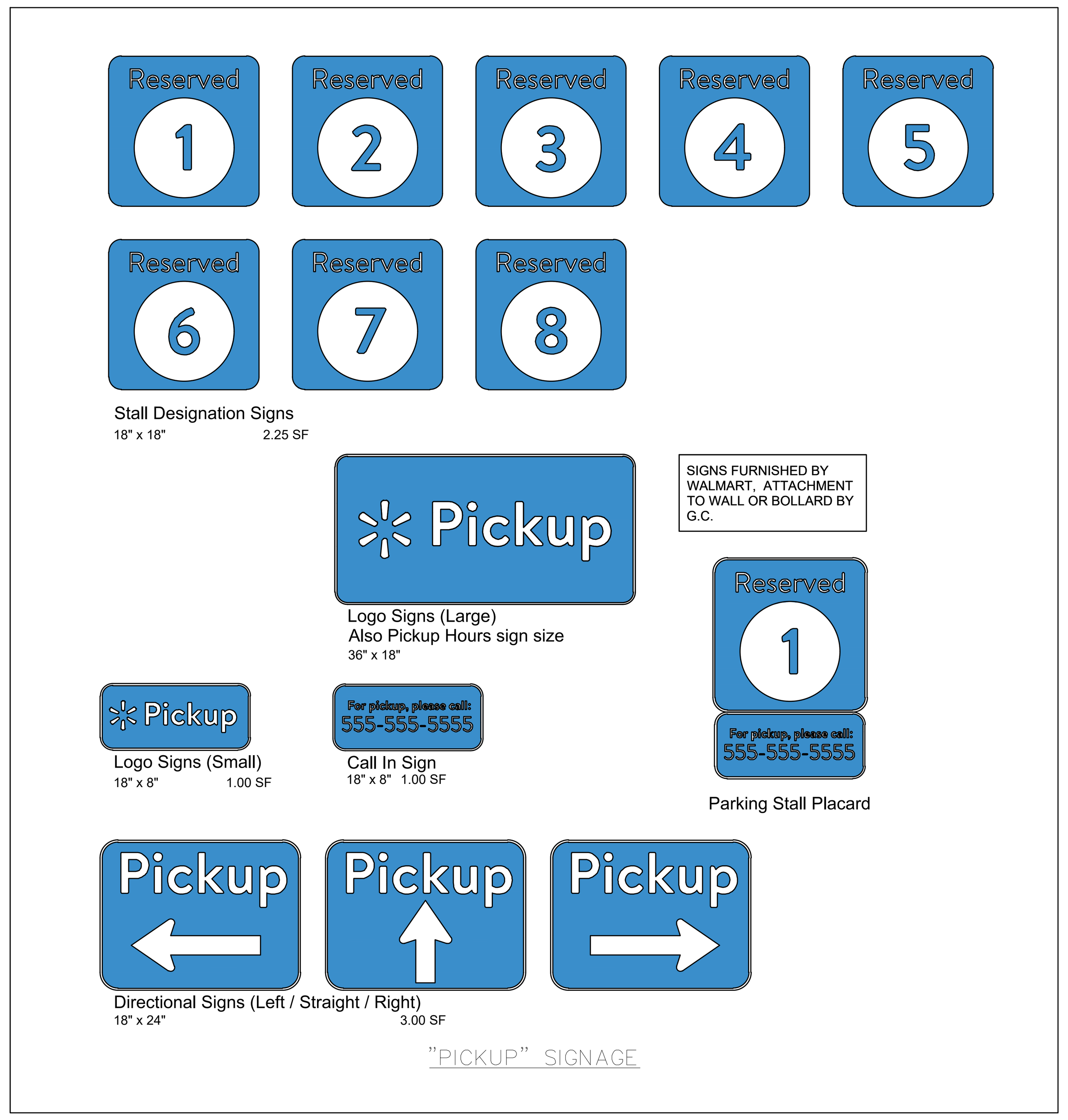


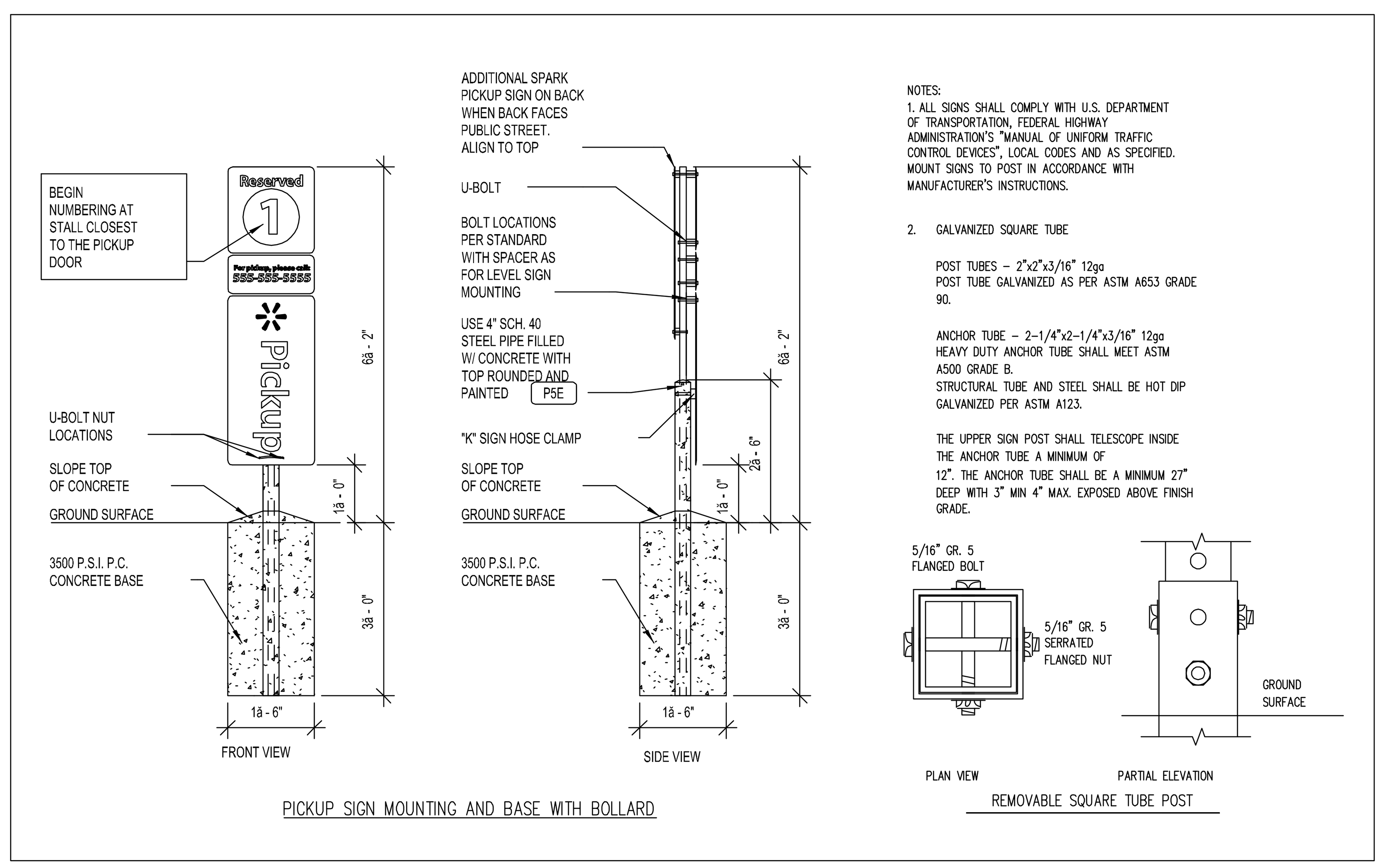












FINISH LEGEND

P76	WALMART BLUE SW#076
P5E	SAFETY YELLOW

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NEW MEXICO
25037
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06/04/2021

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ALBUQUERQUE, NM
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PROTO CYCLE:	–
DOCUMENT DATE:	05/10/21

SITE DETAILS

SHEET: CS3

SITE AND DEMOLITION LEGEND

REFERENCE DETAIL SHEET

- (A) EXISTING PEDESTRIAN CROSSING SIGN TO BE REMOVED.
- (B) EXISTING STOP SIGN TO BE REMOVED.
- (C) EXISTING SIGN POST, BASE, AND BOLLARD BASE (WHERE APPLICABLE) TO BE REMOVED.
- (D) EXISTING SIGN POST AND BASE TO REMAIN. BOLLARD (WHERE APPLICABLE) TO BE RE-PAINTED.
- (E) EXISTING CROSSWALK STRIPING TO BE REMOVED.
- (F) EXISTING YELD PAVEMENT MARKING TO BE REMOVED.
- (G) EXISTING CENTERLINE STRIPING TO BE REMOVED
- (H) EXISTING CENTERLINE STRIPING TO REMAIN AND BE RE-PAINTED.
- (J) EXISTING SOLID DOUBLE YELLOW STRIPING TO BE REMOVED.
- (K) EXISTING STOP SIGN TO REMAIN.
- (L) EXISTING PEDESTRIAN CROSSING SIGN TO REMAIN.
- (M) EXISTING STOP BAR AND STOP TEXT PAVEMENT MARKING TO BE REMOVED.
- (N) EXISTING ARROW PAVEMENT MARKINGS TO BE REMOVED.
- (P) EXISTING FIRE LANE STRIPING TO REMAIN AND BE RE-PAINTED.
- (Q) EXISTING STOP SIGN TO BE RAISED TO MATCH CURRENT DETAILS/GUIDELINES.
- (R) NEW "STOP HERE FOR PEDESTRIANS" (R1-5B) SIGN.
- (S) NEW 30"X30" STOP SIGN.
- (T) NEW 36"X36" STOP SIGN.
- (U) NEW SIGN MOUNTING AND BASE WITH BOLLARD.
- (V) NEW STOP TEXT AND STOP BAR PAVEMENT MARKINGS.
- (W) NEW 4" WIDE PAINTED YELLOW STRIPES AT 45° @ 2'-0" O.C.
- (X) NEW CROSSWALK MARKINGS – 6" WIDE PAINTED WHITE STRIPING PARALLEL TO DIRECTION OF TRAFFIC AT 2'-0" O.C. AND (1)-8" WHITE STRIPE PERPENDICULAR ON BOTH ENDS UNLESS NOTED OTHERWISE. ENTIRE CROSSWALK SHALL BE RE-STRIPED.
- (Y) LIMITS OF SEAL COAT. APPLY SEAL COAT OVER WHERE STRIPING AND PAVEMENT MARKINGS WERE REMOVED AND WHERE NEW STRIPING AND PAVEMENT MARKINGS WILL BE APPLIED. APPLY NEW STRIPING AND PAVEMENT MARKINGS OVER SEAL COAT.
- (Z) NEW 4" WIDE PAINTED YELLOW STRIPES – 6' LONG WITH 18' GAPS.
- (AA) NEW OPEN ARROW PAVEMENT MARKINGS.
- (BB) NEW SOLID ARROW PAVEMENT MARKINGS.
- (CC) NEW 4" WIDE DOUBLE SOLID YELLOW STRIPE.
- (DD) NEW SIGN MOUNTING AND BASE WITH BREAK AWAY POST.
- (EE) NEW SIGN MOUNTING AND BASE WITH DOUBLE BREAK AWAY POSTS.
- (FF) NEW FIRE LANE STRIPING.
- (GG) EXISTING PAVEMENT MARKINGS/STRIPING TO BE INSPECTED AND REVISED/REFRESHED TO MATCH CURRENT DETAILS/GUIDELINES.
- (HH) EXISTING VISIBILITY CONFLICT WITH SIGNAGE. CONTRACTOR SHALL TRIM LANDSCAPING AS REQUIRED TO CREATE UNOBSTRUCTED VIEW OF SIGNAGE.
- (JJ) NEW "ONCOMING TRAFFIC DOES NOT STOP" PLAQUE.
- (KK) NEW "TRAFFIC FROM LEFT DOES NOT STOP" PLAQUE.
- (LL) NEW "TRAFFIC FROM RIGHT DOES NOT STOP" PLAQUE.
- (MM) NEW "CROSS TRAFFIC DOES NOT STOP" PLAQUE.
- (NN) EXISTING "PICK-UP" PAVEMENT MARKINGS TO BE REMOVED.
- (PP) EXISTING ISLAND STRIPING TO BE REMOVED.
- (QQ) NEW PICKUP CROSSWALK MARKINGS.
- (RR) NEW CHANNELIZATION AT PICKUP DOOR. SEE DETAIL.
- (SS) EXISTING "ONLY" PAVEMENT MARKINGS TO BE REMOVED
- (TT) PROPOSED 4" WIDE, SOLID WHITE CHANNELIZING LINE

NOTES TO CONTRACTOR

1. BFR (BUILDING FRONTAGE ROAD)
   OCR (OUTER CIRCULATION ROAD)
2. CONTRACTOR SHALL INSTALL 'NEW' STOP BARS, SIGNS, AND TEXT TO MATCH CURRENT DETAILS AT THE LOCATIONS SHOWN ON THESE PLANS.
3. ALL SIGNS LOCATED ON THE BUILDING SIDE OF THE BFR SHALL BE INSTALLED ON A SINGLE POST.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

STOP SIGNS AND MARKINGS PLAN

REVISIONS	BY

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BRANDON ALLEY
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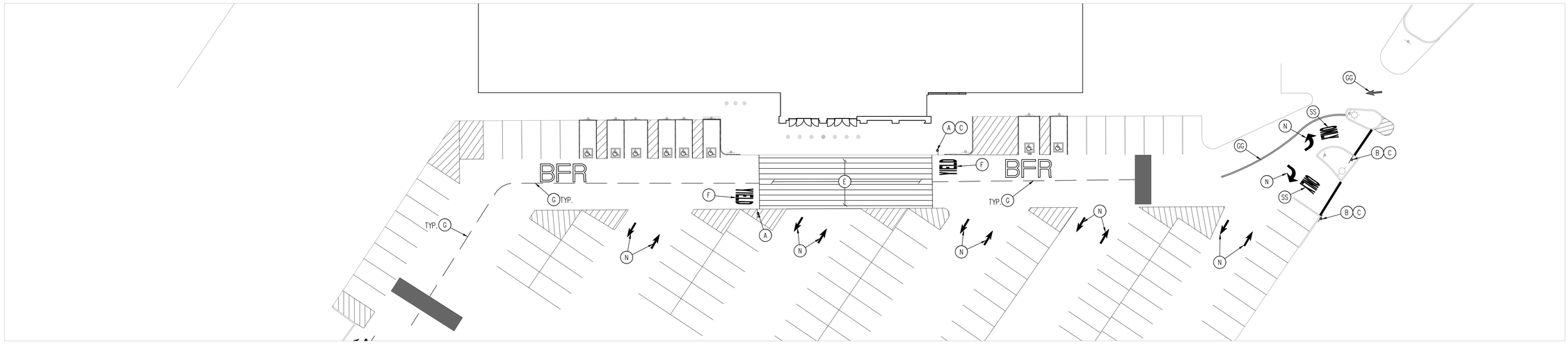
05/07/2021

SUPERCENTER #03512-211
11018 MONTGOMERY BOULEVARD NE
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

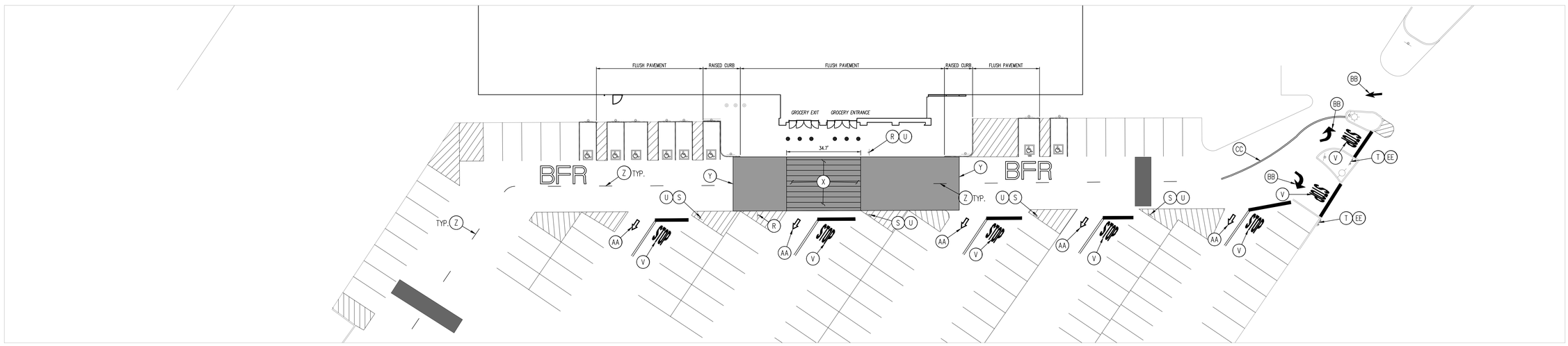
WAL-MART STORES, INC.
BENTONVILLE, AR

Walmart

DRAWN	TLW
CHECKED	RCJ
DATE	05/10/21
SCALE	AS NOTED
JOB No.	SGA003512.20
SHEET	SSM-1



DEMOLITION PLAN



SITE CONSTRUCTION PLAN

NOTES TO CONTRACTOR:

1. REFERENCE SITE CONSTRUCTION PLAN FOR SITE SPECIFIC DIMENSIONS OF CROSSWALK STRIPING AND LOCATION OF SIGNAGE.
2. PROVIDE A COMPREHENSIVE CONSTRUCTION PHASING PLAN FOR THIS WORK TO THE STORE MANAGER 7 DAYS PRIOR TO STARTING ANY WORK. IT IS TO PROVIDE FOR DATES, TIMES AND DURATION OF LANE CLOSURES, TEMPORARY VEHICLE AND PEDESTRIAN TRAFFIC CONTROL.
3. ALL EXISTING STRIPING AND PAVEMENT MARKINGS OR TEXT ALONG THE BFR (BUILDING FRONTAGE ROAD) SHALL BE REMOVED. GRIND OUT ANY DIRECTIONAL ARROWS OR STOP BARS/TEXT THAT ARE NOT CORRECTLY LOCATED OR INCONSISTENT WITH THE DETAILS PROVIDED. APPLY SEAL COAT TO THE COMPLETE EXTENT THAT THE STRIPING OR TEXT HAS BEEN REMOVED IN A SINGLE COMPLETE RECTANGLE TO COVER ALL REMOVED STRIPING (DO NOT APPLY SEAL COAT OVER EXISTING STRIPING OR CONCRETE). INSTALL NEW STRIPING AND SIGNAGE AS SHOWN ON THE SITE CONSTRUCTION PLAN.
4. ALL SIGNS LOCATED ON THE BUILDING SIDE OF THE BFR SHALL BE INSTALLED ON A SINGLE POST WITH BOLLARD.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)

1 inch = 20 ft.

SITE AND DEMOLITION LEGEND

REFERENCE DETAIL SHEET

- (A) EXISTING PEDESTRIAN CROSSING SIGN TO BE REMOVED.
- (B) EXISTING STOP SIGN TO BE REMOVED.
- (C) EXISTING SIGN POST, BASE, AND BOLLARD BASE (WHERE APPLICABLE) TO BE REMOVED.
- (D) EXISTING SIGN POST AND BASE TO REMAIN. BOLLARD (WHERE APPLICABLE) TO BE RE-PAINTED.
- (E) EXISTING CROSSWALK STRIPING TO BE REMOVED.
- (F) EXISTING YIELD PAVEMENT MARKING TO BE REMOVED.
- (G) EXISTING CENTERLINE STRIPING TO BE REMOVED
- (H) EXISTING CENTERLINE STRIPING TO REMAIN AND BE RE-PAINTED.
- (J) EXISTING SOLID DOUBLE YELLOW STRIPING TO BE REMOVED.
- (K) EXISTING STOP SIGN TO REMAIN.
- (L) EXISTING PEDESTRIAN CROSSING SIGN TO REMAIN.
- (M) EXISTING STOP BAR AND STOP TEXT PAVEMENT MARKING TO BE REMOVED.
- (N) EXISTING ARROW PAVEMENT MARKINGS TO BE REMOVED.
- (P) EXISTING FIRE LANE STRIPING TO REMAIN AND BE RE-PAINTED.
- (Q) EXISTING STOP SIGN TO BE RAISED TO MATCH CURRENT DETAILS/GUIDELINES.
- (R) NEW "STOP HERE FOR PEDESTRIANS" (R1-5B) SIGN.
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- (T) NEW 36"X36" STOP SIGN.
- (U) NEW SIGN MOUNTING AND BASE WITH BOLLARD.
- (V) NEW STOP TEXT AND STOP BAR PAVEMENT MARKINGS.
- (W) NEW 4" WIDE PAINTED YELLOW STRIPES AT 45° @ 2'-0" O.C.
- (X) NEW CROSSWALK MARKINGS – 6" WIDE PAINTED WHITE STRIPING PARALLEL TO DIRECTION OF TRAFFIC AT 2'-0" O.C. AND (1)-8" WHITE STRIPE PERPENDICULAR ON BOTH ENDS UNLESS NOTED OTHERWISE. ENTIRE CROSSWALK SHALL BE RE-STRIPED.
- (Y) LIMITS OF SEAL COAT. APPLY SEAL COAT OVER WHERE STRIPING AND PAVEMENT MARKINGS WERE REMOVED AND WHERE NEW STRIPING AND PAVEMENT MARKINGS WILL BE APPLIED. APPLY NEW STRIPING AND PAVEMENT MARKINGS OVER SEAL COAT.
- (Z) NEW 4" WIDE PAINTED YELLOW STRIPES – 6' LONG WITH 18' GAPS.
- (AA) NEW OPEN ARROW PAVEMENT MARKINGS.
- (BB) NEW SOLID ARROW PAVEMENT MARKINGS.
- (CC) NEW 4" WIDE DOUBLE SOLID YELLOW STRIPE.
- (DD) NEW SIGN MOUNTING AND BASE WITH BREAK AWAY POST.
- (EE) NEW SIGN MOUNTING AND BASE WITH DOUBLE BREAK AWAY POSTS.
- (FF) NEW FIRE LANE STRIPING.
- (GG) EXISTING PAVEMENT MARKINGS/STRIPING TO BE INSPECTED AND REVISED/REFRESHED TO MATCH CURRENT DETAILS/GUIDELINES.
- (HH) EXISTING VISIBILITY CONFLICT WITH SIGNAGE. CONTRACTOR SHALL TRIM LANDSCAPING AS REQUIRED TO CREATE UNOBSTRUCTED VIEW OF SIGNAGE.
- (JJ) NEW "ONCOMING TRAFFIC DOES NOT STOP" PLAQUE.
- (KK) NEW "TRAFFIC FROM LEFT DOES NOT STOP" PLAQUE.
- (LL) NEW "TRAFFIC FROM RIGHT DOES NOT STOP" PLAQUE.
- (MM) NEW "CROSS TRAFFIC DOES NOT STOP" PLAQUE.
- (NN) EXISTING "PICK-UP" PAVEMENT MARKINGS TO BE REMOVED.
- (PP) EXISTING ISLAND STRIPING TO BE REMOVED.
- (QQ) NEW PICKUP CROSSWALK MARKINGS.
- (RR) NEW CHANNELIZATION AT PICKUP DOOR. SEE DETAIL.
- (SS) EXISTING "ONLY" PAVEMENT MARKINGS TO BE REMOVED
- (TT) PROPOSED 4" WIDE, SOLID WHITE CHANNELIZING LINE

DEMOLITION AND SITE CONSTRUCTION PLAN

REVISIONS	BY

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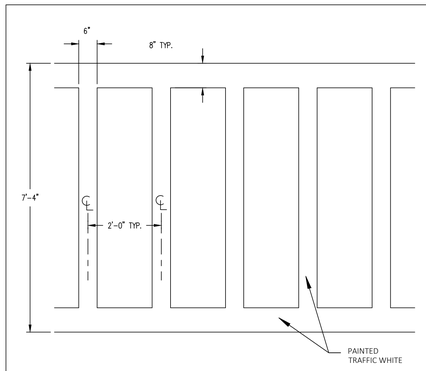
BRANDON ALLEY NEW MEXICO 25037 PROFESSIONAL ENGINEER
05/07/2021

SUPERCENTER #03512-211
11018 MONTGOMERY BOULEVARD NE
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

WAL-MART STORES, INC.
BENTONVILLE, AR

Walmart

DRAWN	TLW
CHECKED	RCJ
DATE	05/10/21
SCALE	AS NOTED
JOB No.	SGA003512.20
SHEET	SECP-1



OGP CROSSWALK MARKING
N.T.S.

WHITE LEGEND RED BACKGROUND

R1-3P

NOTE:
SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

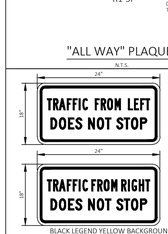
"ALL WAY" PLAQUE
N.T.S.

BLACK LEGEND YELLOW BACKGROUND

W4-4B

NOTE:
SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

"ONCOMING TRAFFIC" PLAQUE
N.T.S.



(SEE DIRECTION INDICATED AT SYMBOL)

NOTE:
SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

BLACK LEGEND YELLOW BACKGROUND

W4-4A

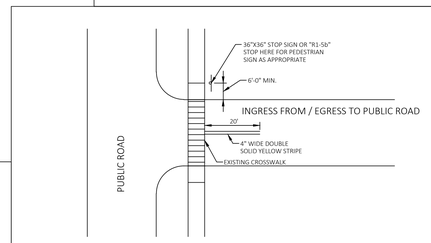
"LEFT/RIGHT TRAFFIC" PLAQUE
N.T.S.

BLACK LEGEND YELLOW BACKGROUND

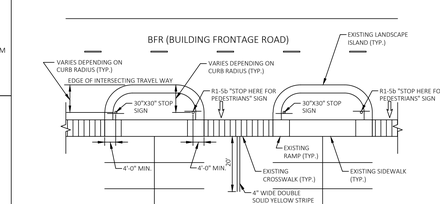
W4-4P

NOTE:
SIGNS SHALL HAVE DIAMOND GRADE, ASTM TYPE XI, SHEETING.

"CROSS TRAFFIC" PLAQUE
N.T.S.



SIGN LOCATION WHEN STOP CONDITION AT END OF BUILDING ALONG BFR WITH CROSSWALK

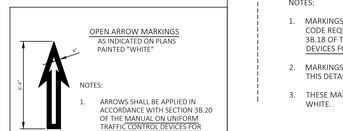


SIGN LOCATION WHEN STOP CONDITION AT BFR WITH CROSSWALK ON PARKING LOT SIDE

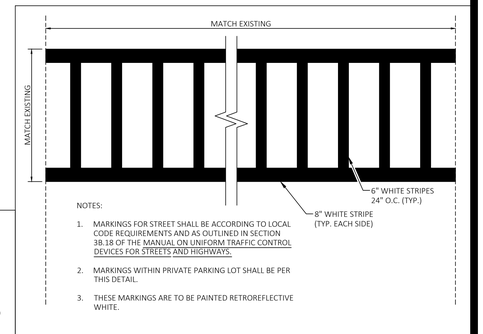
STOP SIGN LOCATION WHERE STOP BAR AND TEXT CONFILTS WITH CROSSWALK MARKINGS
N.T.S.

CHANNELIZATION AT OGP DOOR
N.T.S.

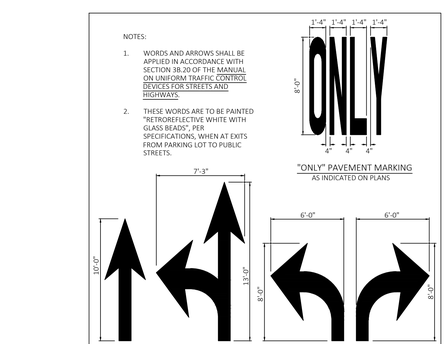
SIGN MOUNTING AND BASE
N.T.S.



OPEN ARROW PAVEMENT MARKINGS
(MODIFIED)
N.T.S.



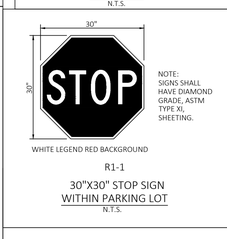
CROSSWALK MARKING
W/ LONGITUDINAL STRIPES
(MODIFIED)
N.T.S.



"ONLY" PAVEMENT MARKING
AS INDICATED ON PLANS

SOLID ARROW MARKINGS
AS INDICATED ON PLANS
PAINTED "RETROREFLECTIVE WHITE"

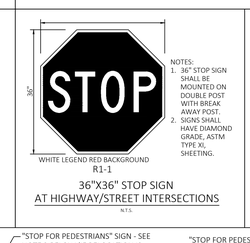
SOLID ARROW PAVEMENT MARKINGS
N.T.S.



WHITE LEGEND RED BACKGROUND

R1-1

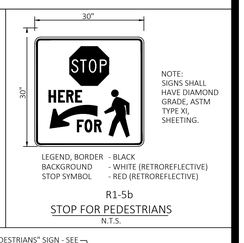
30"X30" STOP SIGN
WITHIN PARKING LOT
N.T.S.



WHITE LEGEND RED BACKGROUND

R1-1

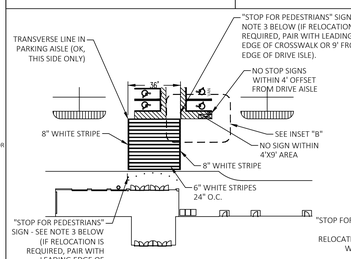
36"X36" STOP SIGN
AT HIGHWAY/STREET INTERSECTIONS
N.T.S.



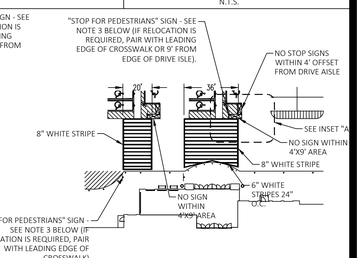
LEGEND, BORDER - BLACK
BACKGROUND - WHITE (RETROREFLECTIVE)
STOP SYMBOL - RED (RETROREFLECTIVE)

R1-5b

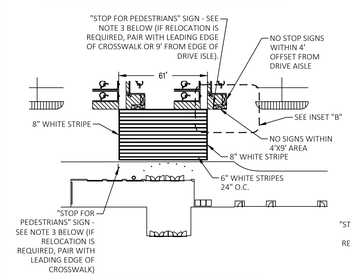
STOP FOR PEDESTRIANS
N.T.S.



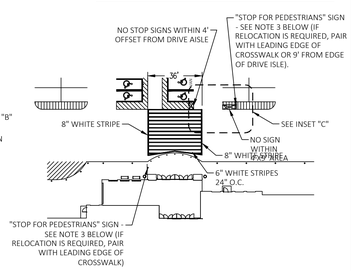
CROSSWALK OFF-SET FROM CENTER OF VESTIBULE



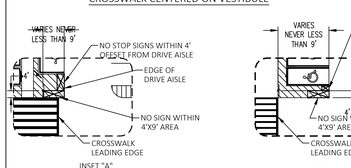
CROSSWALK OFF-SET FROM CENTER OF VESTIBULE



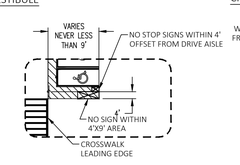
CROSSWALK CENTERED ON VESTIBULE



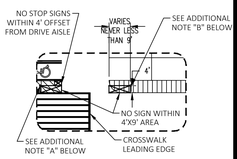
CROSSWALK CENTERED ON VESTIBULE



INSET "A"
"STOP HERE FOR PEDESTRIAN" SIGN LOCATION WHEN LEADING EDGE OF CROSSWALK LANDS BETWEEN DRIVE AISLE AND ACCESSIBLE PATH.



INSET "B"
"STOP HERE FOR PEDESTRIAN" SIGN LOCATION WHEN LEADING EDGE OF CROSSWALK IS ALIGNED WITH EDGE OF ACCESSIBLE PATH.



INSET "C"
"STOP HERE FOR PEDESTRIAN" SIGN LOCATION WHEN LEADING EDGE OF CROSSWALK LANDS BEFORE OR WITHIN DRIVE AISLE.

NOTES:
1. REFERENCE EACH VESTIBULE ON THE SITE PLAN FOR FINAL LAYOUT, DIMENSIONS AND SIGN LOCATION.
2. SEE INSETS "A", "B" AND "C" FOR SIGN LOCATION FOR EACH OF THE THREE OPTIONS.
3. ONLY RELOCATE SIGN POST IF OFFSET MORE THAN 9' FROM LEADING EDGE OF CROSSWALK (EITHER SIDE IN EITHER DIRECTION) ALONG FRONT DRIVE.

ADDITIONAL NOTES FOR INSET "C":
A. IF CROSSWALK LEADING EDGE IS LESS THAN HALF WAY ACROSS THE DRIVE AISLE, THE CROSSWALK SIGN WILL LAG THE LEADING EDGE.
B. IF CROSSWALK LEADING EDGE IS BEYOND HALF WAY ACROSS THE DRIVE AISLE, THE CROSSWALK SIGN WILL LEAD THE LEADING EDGE.

SIGN LOCATION AND VESTIBULE CROSSWALK STRIPING
(APPLICABLE TO STRIPED OR RAISED ISLANDS BASED ON SITE CONDITIONS)
(MODIFIED)

SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET

REVISIONS	BY

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ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

WAL-MART STORES, INC.
BENTONVILLE, AR

Walmart

DRAWN	TLW
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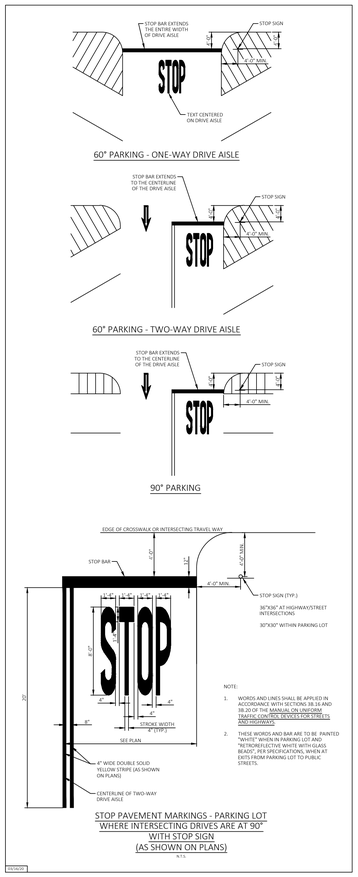
SHEET	SECP/ SSM DETAILS

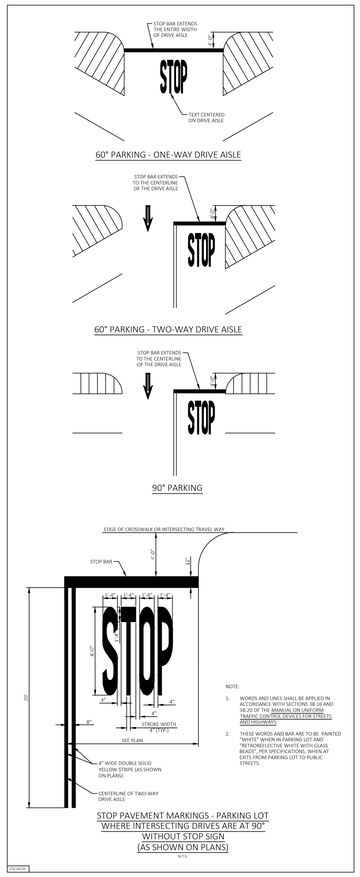


60° PARKING - ONE-WAY DRIVE AISLE

60° PARKING - TWO-WAY DRIVE AISLE

90° PARKING

STOP PAVEMENT MARKINGS - PARKING LOT
WHERE INTERSECTING DRIVES ARE AT 90°
WITH STOP SIGN
(AS SHOWN ON PLANS)
N.T.S.

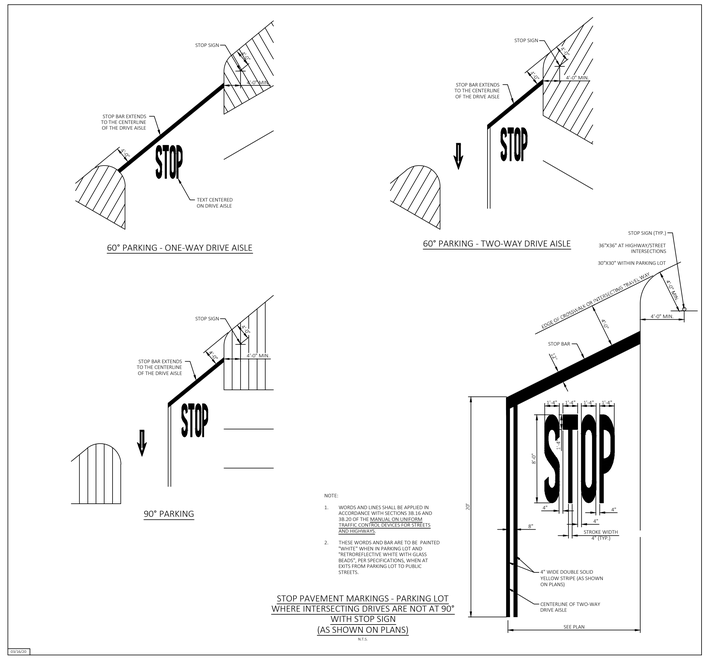


60° PARKING - ONE-WAY DRIVE AISLE

60° PARKING - TWO-WAY DRIVE AISLE

90° PARKING

STOP PAVEMENT MARKINGS - PARKING LOT
WHERE INTERSECTING DRIVES ARE AT 90°
WITHOUT STOP SIGN
(AS SHOWN ON PLANS)
N.T.S.

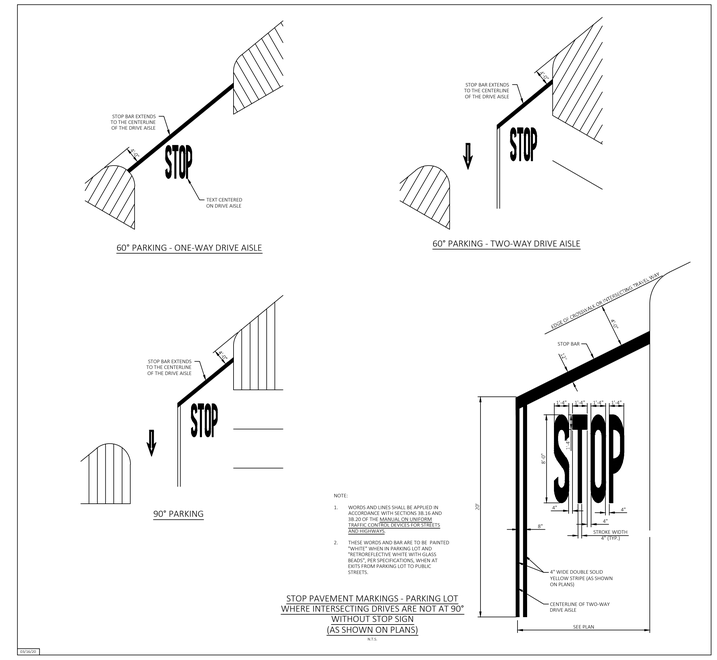


60° PARKING - TWO-WAY DRIVE AISLE

60° PARKING - ONE-WAY DRIVE AISLE

90° PARKING

STOP PAVEMENT MARKINGS - PARKING LOT
WHERE INTERSECTING DRIVES ARE NOT AT 90°
WITH STOP SIGN
(AS SHOWN ON PLANS)
N.T.S.



60° PARKING - TWO-WAY DRIVE AISLE

60° PARKING - ONE-WAY DRIVE AISLE

90° PARKING

STOP PAVEMENT MARKINGS - PARKING LOT
WHERE INTERSECTING DRIVES ARE NOT AT 90°
WITHOUT STOP SIGN
(AS SHOWN ON PLANS)
N.T.S.

SECP AND STOP SIGNS AND MARKINGS DETAIL SHEET

REVISIONS	BY

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SITE DEMOLITION SPECIFICATION

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Demolition of structures, paving, and utilities.
   2. Patching and filling voids created as a result of removals or demolition.

1.2 REGULATORY REQUIREMENTS

A. Compliance with all laws, including Safety Laws, Environmental Laws, Stormwater Laws and Worker Verification Laws as well as requirements found within the Contract Documents and these Specifications, that pertain to Safety Compliance, Environmental Compliance, Stormwater Compliance and Worker Verification Compliance. Obtain required permits and licenses from appropriate authorities. Pay associated fees including disposal charges.
B. Notify affected utility companies before starting work and comply with their requirements.
C. Do not close or obstruct public or private roadways, sidewalks, or fire hydrants without appropriate permits or written authorization.
D. If hazardous, contaminated materials or other environmental related conditions are discovered, stop work immediately and notify the Wal-Mart Construction Manager for action to be taken. Do not resume work until specifically authorized by the Construction Manager.

1.3 PROJECT CONDITIONS

A. Conditions existing at time of inspection for bidding purposes will be maintained by Owner as reasonably practical.
B. Unless otherwise indicated in Contract Documents or specified by the Owner, items of salvageable value to Contractor shall be removed from site and structures. Storage or sale of removed items on site will not be permitted and shall not interfere with other work specified.

PART 2 - PRODUCTS

2.1 FILL MATERIALS

A. Fill material shall be aggregate fill materials consisting of stone, gravel, or sand free from debris, trash, frozen materials, roots, and other organic matter.

2.2 CONCRETE

A. Mix concrete and deliver in accordance with ASTM C 94.
B. Design mix to produce normal weight concrete consisting of Portland cement, aggregate, water_reducing admixture, air_entraining admixture, and water to produce following:
   1. Compressive Strength: 3,500 psi, minimum at 28 days, unless otherwise indicated on the Drawings.
   2. Slump Range: 1 to 3-inches at time of placement
   3. Air Entrainment: 5 to 8 percent

PART 3 - EXECUTION

3.1 PREPARATION

A. Provide, erect, and maintain erosion control devices, temporary barriers, and security devices at locations indicated on Construction Drawings. Provide a comprehensive construction phasing plan for this work to the store manager 7 days prior to starting any work. It is to provide for dates, times and duration of lane closures, temporary vehicle and pedestrian traffic control.
B. Protect existing landscaping materials, appurtenances, and structures, which are not to be demolished. Repair damage to existing items to remain caused by demolition operations.
C. Prevent movement or settlement of adjacent structures. Provide bracing and shoring as necessary.
D. Mark location of utilities. Protect and maintain in safe and operable condition utilities that are to remain. Prevent interruption of existing utility service to occupied or used facilities, except when authorized in writing by authorities having jurisdiction. Provide temporary services during interruptions to existing utilities as acceptable to governing authorities and Owner.
E. For work on operating Walmart sites, prior to any underground excavation, contractor is expected to obtain current and representative underground utility plans from Walmart for private utilities that are not located by others. This is specifically intended to provide approximate locations for Walmart private utilities including water, sewer, electrical, telephone and data services.
F. Notify adjacent property owners of work that may affect their property, potential noise, utility outages, or other disruptions. Obtain written permission from adjacent property owners when demolition equipment will traverse, infringe upon, or limit access to their property. Coordinate notice with Owner.

3.2 GENERAL DEMOLITION REQUIREMENTS

A. Conduct demolition to minimize interference with adjacent structures or pavements to remain.
B. Cease operations immediately if adjacent structures appear to be in danger. Notify authority having jurisdiction. Do not resume operations until directed by authority.
C. Conduct operations with minimum of interference to public or private access. Maintain ingress and egress at all times other than in specific areas where work is in progress.
D. Sprinkle work with water to minimize dust. Provide hoses and water connections for this purpose.
E. Comply with governing regulations pertaining to environmental protection.
F. Clean adjacent structures and improvements of dust, dirt, and debris caused by demolition operations. Return adjacent areas to condition existing prior to start of work.

3.3 DEMOLITION

A. Demolish site improvements designated to be removed as shown on the drawings. Site improvements shall include but not be limited to structures, foundations, pavements, curbs and gutters, drainage structures, utilities, signage or landscaping.
B. Disconnect and cap or remove utilities to be abandoned as shown on the drawings.
C. Fill or remove piping and appurtenances as shown.
D. Demolish concrete and masonry in small sections. Break up concrete slabs_on_grade that are 2-feet or more below proposed subgrade to permit moisture drainage. Remove slabs-on-grade and below grade construction within 2-feet of proposed subgrade.

3.4 PATCHING

A. Where improvements are removed from paved areas, pavements shall be sawcut in straight lines at the perimeter and patched. Damaged pavement adjacent to removed improvements shall also be removed and patched.
B. Pavement patches shall be paved with minimum 6" concrete, broom finished and flush with adjacent grades.

3.5 FILLING VOIDS

A. Completely fill below grade areas and voids resulting from demolition or removal of structures, etc., using aggregate fill materials consisting of stone, gravel, or sand free from debris, trash, frozen materials, roots, and other organic matter.
B. Areas to be filled shall be free of standing water, frost, frozen or unsuitable material, trash, and debris prior to fill placement.
C. Place fill materials in lifts not to exceed 6 inches loose measure and compacted to 95 percent of maximum laboratory density per ASTM D698 with moisture content of not less than 1 percent below and not more than 3 percent above optimum moisture content.
D. Grade surface to match adjacent grades and to provide flow of surface drainage after fill placement and compaction.

3.6 DISPOSAL OF DEMOLISHED MATERIALS

A. Remove from site debris, rubbish, and other materials resulting from demolition operations. Leave areas of work in clean condition.
B. No burning of any material, debris, or trash on_site or off_site will be allowed.
C. Transport materials removed from demolished structures with appropriate vehicles and dispose off-site to areas that are approved for disposal by governing authorities and appropriate property owners.

END OF SECTION

PAVEMENT MARKINGS SPECIFICATION

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Painting and marking of pavements, curbs, and guard posts (bollards)..

1.2 REFERENCES

A. The publications listed below form a part of this specification to the extent referenced. Publications are referenced within the text by the basic designation only.
B. American Association of State Highway and Transportation (AASHTO):
   1. AASHTO M247 - Glass Beads Used in Traffic Paints
   2. AASHTO M248 - Ready-Mixed White and Yellow Traffic Paints
C. Master Painter's Institute (MPI):
   1. MPI 32 - Traffic Marking Paint, Solvent Based.
   2. MPI 97 - Traffic Marking Paint, Latex.
D. ASTM International (ASTM):
   1. ASTM D4414 - Standard Practice for Measurement of Wet Film Thickness by Notched Gauges.
E. Federal Specifications (FS):
   1. FS A-A-2886 - Paint, Traffic, Solvent Based (supersedes FS TT-P-85 and FS TT-P-115, Type I)
   2. FS TT-B-1325 - Beads (Glass Spheres) Retro-Reflective
   3. FS TT-P-1952 - Paint, Traffic And Airfield Marking, Waterborne

1.3 PROJECT CONDITIONS

A. Maintain access for vehicular and pedestrian traffic as required for other construction activities. Utilize flagmen, barricades, warning signs, and warning lights as required.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Paint shall be waterborne or solvent borne, colors as shown or specified herein. Pavement marking paints shall comply with applicable state and local laws enacted to ensure compliance with Federal Clean Air Standards. Paint materials shall conform to the restrictions of the local Air Pollution Control District.
B. Waterborne Paint: Paints shall conform to FS TT-P-1952 and have MPI 97 approval.
C. Solvent Borne Paint: Paint shall conform to FS A-A-2886 or AASHTO M248 and have MPI 32 approval. Paint shall be non_bleeding, quick_drying, and alkyd petroleum base paint suitable for traffic_bearing surface and be mixed in accordance with manufacturer's instructions before application for colors White, Yellow, Blue, and Red.
D. Glass Beads: AASHTO M 247, Type 1 or FS TT-B-1325, Type 1, Gradation A.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine the work area and correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.

3.2 PREPARATION

A. Sweep and clean surface to eliminate loose material and dust.
B. Where existing pavement markings are indicated on Construction Drawings to be removed or would interfere with adhesion of new paint, a motorized abrasive device or soda blasting shall be used to remove the markings. Equipment employed shall not damage existing paving or create surfaces hazardous to vehicle or pedestrian traffic.

3.3 CLEANING EXISTING PAVEMENT MARKINGS

A. Remove existing pavement markings which are in good condition but interfere or conflict with the newly applied marking patterns and as noted on plans. Deteriorated or obscured markings that are not misleading or confusing or do not interfere with the adhesion of the new marking material do not require removal. Conduct grinding, soda blasting or other operations in such a manner that the finished pavement surface is not damaged or left in a pattern that is misleading or confusing. Use dust collection system when removing existing pavement markings. Comply with the requirements of Section 01351 Regulatory Compliance Supplement for management and disposal of hazardous wastes.

3.4 APPLICATION

A. Apply two coats of same color of paint as specified below, at manufacturer's recommended rate, without addition of thinner, with maximum of 100 square feet per gallon or as required to provide a minimum wet film thickness of 15 mils and dry film thickness of 7 ½ mils per coat. Paint shall be applied for a total dry film thickness of 15 mils. Apply with mechanical equipment to produce uniform straight edges. At sidewalk curbs and crosswalks, use straightedge to ensure uniform, clean, and straight stripe.
B. Install pavement markings according to manufacturer's recommended procedures for the specified material.
C. Following items shall be painted with colors noted below:
   1. Pedestrian Crosswalks: White
   2. Exterior Sidewalk Curbs and Guard posts: Yellow
   3. Exterior Light Pole Bases: Yellow (unless otherwise noted on Construction Detail).
   4. Fire Lanes: Red or per local code.
   5. Lane Striping where separating traffic moving in opposite directions: Yellow.
   6. Lane Striping where separating traffic moving in the same direction: White.
   7. ADA Symbols: Blue or per local code.
   8. ADA parking space markings as shown on the drawings.
   9. Parking Stall Striping: Yellow, unless otherwise noted on Construction Drawings.
   10. Associate Parking Area: White, unless otherwise noted on Construction Drawings.
D. Apply glass beads at pedestrian crosswalk striping and at lane striping and arrows at driveways connecting to public streets. Broadcast glass beads uniformly into wet markings at a rate of 6 lb/gal.

3.5 FIELD QUALITY CONTROL

A. Field quality control shall be the responsibility of the Contractor. Field quality control testing and inspection shall be at the discretion of the Contractor as necessary to assure compliance with Contract requirements.

3.6 CLEANING

A. Waste materials shall be removed at the end of each workday. Upon completion of the work, all containers and debris shall be removed from the site. Paint spots upon adjacent surfaces shall be carefully removed by approved procedures that will not damage the surfaces and the entire job left clean and acceptable.

END OF SECTION

TRAFFIC SIGNS AND SIGNALS SPECIFICATION

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Traffic control signs.
B. Related Requirements:
   1. Section 09900 - Painting. Painting for painted posts where shown on the Drawings.

1.2 REFERENCES

A. The publications listed below form a part of this specification to the extent referenced. Publications are referenced within the text by the basic designation only.
B. ASTM International (ASTM):
   1. ASTM A53 - Pipe, Steel, Black and Hot_Dipped, Zinc_Coated Welded and Seamless.
   2. ASTM C94 - Ready Mix Concrete
   3. ASTM D4956 - Retroreflective Sheeting for Traffic Control.
C. US Department of Transportation, Federal Highway Administration:
   1. Manual on Uniform Traffic Control Devices (MUTCD).

PART 2 - PRODUCTS

2.1 SIGNS

A. Conform to US Department of Transportation MUTCD. Sign classification, type, size, and color shall be as shown on the drawings
B. Retroreflectivity: Microprismatic type, diamond grade reflective sheeting conforming to ASTM D 4956, Type XI.

2.2 POSTS

A. Square Post: Square tubular steel sign post, galvanized, 12 ga, perforated full-length with 7/16 inch holes on four sides. Post size shall be as shown on the Drawings.
B. Steel Pipe: ASTM A 53, Type E (electric-resistance welded) or Type S (seamless), Grade B, Schedule 40, size as shown on the Drawings.

2.3 CONCRETE

A. Mix concrete and deliver in accordance with ASTM C 94.
B. Design mix to produce normal weight concrete consisting of Portland cement, aggregate, water_reducing admixture, air_entraining admixture, and water to produce following:
   1. Compressive Strength: 3,500 psi, minimum at 28 days, unless otherwise indicated on the Drawings.
   2. Slump Range: 1 to 3-inches at time of placement
   3. Air Entrainment: 5 to 8 percent

PART 3 - EXECUTION

3.1 PREPARATION

A. Field verify underground utilities prior to sign installation. Primary utilities of concern of shallow depths are lawn sprinkler systems, electric, telephone, fiber optic, cable and gas.

3.2 INSTALLATION

A. Install signs as shown on the Drawings and in accordance with MUTCD and manufacturer's instructions.
B. Install signs of the type and at locations shown on the Drawings.
C. Install posts of the type as shown on the drawing.
D. Where shown as painted, field paint steel pipe posts in accordance with Section 09900.

END OF SECTION

SEAL COAT SHALL BE APPLIED WHERE EXISTING MARKINGS ARE REMOVED.

SMALL PROJECT SEAL COAT SPECIFICATION:

IN GENERAL:

· CRACK FILLING AND OIL SPOT TREATMENTS ARE NOT REQUIRED PRIOR TO SEAL COAT. OTHER THAN THESE EXCEPTIONS, PREPARE AND CLEAN AREA TO BE SEAL COATED CONSISTENT WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATION.

APPROVED MATERIALS:

1) STAR PRODUCTS
   · MICRO-PAVE PRO-BLEND WITH ADDED SAND
   · SINGLE COAT

2) SEAL MASTER
   · POLYMER MODIFIED MASTERSEAL WITH ADDED SAND
   · SINGLE COAT

3) GEM SEAL BLACK DIAMOND XL
   · WITH ADDED SAND
   · SINGLE COAT

MATERIALS IDENTIFIED IN SPECIFICATION SECTION 02787 CAN BE USED. COAL TAR BASED SEAL COAT MATERIALS IN ANY FORM ARE PROHIBITED.

SPECIFICATIONS SHEET

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05/07/2021

SUPERCENTER #03512-211
11018 MONTGOMERY BOULEVARD NE
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

WAL-MART STORES, INC.
BENTONVILLE, AR

Walmart

DRAWN	TLW
CHECKED	RCJ
DATE	05/10/21
SCALE	AS NOTED
JOB No.	SGA003512.20
SHEET	CSS-1

SEAL COAT SPECIFICATION
PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Seal coats using a polymer-modified asphalt emulsion blended with fine aggregate.
B. Related Requirements:
   1. Site Demolition Specification
   2. Pavement Markings Specification
   3. Traffic Signs and Signals Specification

1.2 REFERENCES

A. The publications listed below form a part of this specification to the extent referenced. Publications are referenced within the text by the basic designation only.
B. ASTM International (ASTM)

   1. ASTM C 136 - Method of Sieve Analysis of Fine and Coarse Aggregate
   2. ASTM D 217 - Method for Cone Penetration of Lubricating Grease
   3. ASTM D 244 - Test Methods for Emulsified Asphalts
   4. ASTM D 562 - Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using a Stormer-Type Viscometer
   5. ASTM D 977 - Emulsified Asphalt
   6. ASTM D 2397 - Cationic Emulsified Asphalt
   7. ASTM D 2042 - Method for solubility of Asphalt Materials in Trichloroethylene
   8. ASTM D 3910 - Practice for Design, Testing, and Construction of Slurry Seal
   9. ASTM D 6690 - Joint and Crack Sealants, Hot Applied, for Concrete and Asphalt Pavements

1.3 ADMINISTRATIVE REQUIREMENTS

A. Pre_installation Meeting: Convene a pre_installation meeting at the site at least two weeks prior to commencing work of this Section. Require attendance of parties directly affecting work of this Section, including, but not limited to, the store manager, Contractor, and job foreman.
   1. Contact Wal_Mart Construction Manager three weeks prior to pre_installation conference to confirm schedule.
   2. Record discussions of meeting and decisions, agreements reached, and furnish copy of record to each party attending. Review foreseeable methods and procedures related to paving work, including the following:
      a. Review preparation and installation procedures and coordinating and scheduling required with related work (including all required striping).
      b. Review proposed sources of materials.
      c. Tour, inspect, and discuss condition of existing pavement and other preparatory work such as patching and crack sealing. If crack sealing is needed (reference section 2.4.C below) or other areas of pavement distress are noted during tour, submit appropriate RFI to project team for review.
      d. Review requirements for protecting paving work, including restriction and redirection of traffic during installation and curing period.
      e. Review and finalize construction schedule and verify availability of materials, installer's personnel, equipment, traffic control devices, and facilities needed to make progress and avoid delays.
      f. Review paving requirements (drawings, specifications, and other contract documents).
      g. Review weather and forecasted weather conditions, and procedures for coping with unfavorable conditions.
h. Review health and safety precautions relating to handling and placement of seal coat.

1.4 QUALITY ASSURANCE

A. Contractor Qualifications: The seal coat applicator shall have not less than 3 years documented experience in the application of emulsion seal coats.

1.5 SITE CONDITIONS

A. Weather Limitations: Apply seal coat only under the following weather conditions:
1. The atmospheric temperature is between 50 and 90 F and is expected to remain above 50 F for 24 hours.
2. Pavement temperature is above 55 F.
3. Surface is dry and no moisture is expected within 24 hours.
4. Weather and wind conditions are such that overspray is preventable and will allow proper curing and opening to traffic within a reasonable time.
B. Maintain access for vehicular and pedestrian traffic as required by the Wal-Mart Store and Construction Manager. Utilize temporary striping, flagmen, barricades, warning signs, and warning lights as required.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Aggregate: Aggregate shall be 100 percent passing the No. 16 (1.18 mm) sieve when tested in accordance with ASTM C 136. Aggregate shall consist of hard, washed, dry natural or manufactured particles free of dust, trash, clay, organic materials or other contaminants.
B. Asphalt Emulsion: Comply with ASTM D977 or ASTM D2397 for SS-1h or CSS-1h. The penetration of the residue from the distillation test shall be 20 to 60. Clay stabilized emulsion, with a ph not greater than 7.0, and solids content not less than 45 percent may be used. The polymer material shall be milled or blended into the asphalt or emulsifier solution prior to the emulsification process. The minimum amount and type of polymer modifier shall be determined by the laboratory performing the mix design.
C. Coal Tar: Coal tar emulsion or coal tar/asphalt emulsion shall not be used as a substitute for asphalt emulsion.
D. Water: Water shall be potable and free of harmful soluble salts or reactive chemicals and any other contaminants and at least 50 F.
E. Additives: Additives shall be included and approved as part of the mix design and be compatible with the other components of the mix.
F. Crack Sealant: Crack sealant shall conform to ASTM D6690, Type II or higher and compatible with the specified seal coat emulsion.

2.2 COMPOSITION

A. Composition. Seal coat shall consist of a mixture of the specified emulsion, water, aggregate, and additives and be proportioned to meet the requirements shown in the following Table 1.

TABLE 1 - Undiluted Seal Coat Design Properties

Method	Minimum	Maximum
Weight (per gallon), ASTM D 244, lbs	9.0	
Cone Penetration, ASTM D 217, mm	340	700
% Non-Volatile[1]	50	
% Non-Volatile Residue Soluble in Trichloroethylene, ASTM D 2042	10	35
Wet Track Abrasion Loss, ASTM D 3910, g		35
Viscosity, ASTM D 562, KU	75	
Dried Film Color	Black	

[1]Weigh 10 g of homogeneous product into a previously tared, small ointment can. Place in an oven at 325°F for 90 minutes. Cool, reweigh and calculate non-volatile residue as a percent of the original mass.

2.3 EQUIPMENT

A. Distributors. Distributors or spray units used for the spray application of the seal coat shall be self-propelled and capable of uniformly applying 0.10 to 0.30 gallons per square yard of material over the required width of application. Distributors shall be equipped with tachometers, pressure gauges, and volume measuring devices. The mix tank shall have a mechanically powered, full sweep, mixer with sufficient power to move and homogeneously mix the entire contents of the tank.
B. Spray Nozzles. Nozzles shall be free from clogs and debris and set at the same angle.
C. Mixing Equipment. The mixing machine shall have a continuous flow mixing unit capable of accurately delivering a predetermined proportion of aggregate, water, and emulsion, and of discharging the thoroughly mixed product on a continuous basis. The mixing unit shall be capable of thoroughly blending all ingredients together and discharging the material without segregation.
D. Spreading Equipment. Spreading equipment shall be a mechanical type squeegee/brush distributor attached to the mixing machine, equipped with flexible material in contact with the surface to prevent loss of slurry from the spreader box. It shall be maintained to prevent loss of slurry on varying grades and adjusted to assure uniform spread. There shall be a lateral control device and a flexible strike off capable of being adjusted to lay the slurry at the specified rate of application. The spreader box shall have an adjustable width. The box shall be kept clean. Emulsion and aggregate build up on the box shall not be permitted.
E. Clean equipment with a petroleum solvent if previously used with a different material.
F. Hand Squeegee or Brush Application. Hand spreading application shall be used only in places not accessible to the mechanized equipment or to accommodate neat trim work at curbs, etc. Material that is applied by hand shall meet the same standards as that applied by machine.
G. Calibration. Spreading equipment shall be provided with a method of calibration by the manufacturer. Equipment shall be calibrated to assure that it will produce and apply a mix that conforms to the job mix formula. Calibrations shall be made with the approved job materials prior to application of the seal coat.

2.4 PREPARATION

A. Remove all existing striping in areas subject to seal coating as noted in plans. Reference applicable specification section in Site Demolition.
B. Remediate distressed areas of existing pavement by saw-cutting and removing existing pavement, regrading and compacting the underlying base course and replacing with full depth asphalt at locations and as shown on the drawings.
   1. Repairs not specifically shown on the plans but considered necessary by the contractor, store manager or construction manager (CM) shall be identified and submitted as an RFI to the project team prior to commencement of repairs.
   2. Repairs submitted by RFI and approved shall be performed as directed by the CEC. Cost for such work directed and performed will be paid for in accordance with the "Changes in the Work" Clause of the General Conditions.
C. Longitudinal and traverse cracks in excess of 0.25 inch, but less than 1 inch shall be sealed with a crack sealant. Cracks that contain weed or other live vegetable matter shall be treated with a locally approved, non-oil based sterilant prior to applying the crack filler.
D. Existing crack sealants in the parking lot shall be evaluated for compatibility with the specified emulsion. If not compatible with each other they can't be used together. Immediately prior to applying the seal coat, the surface shall be cleared of all loose material, dirt, dust, grease, oil, vegetation and other objectionable material. If water is used, cracks shall be allowed to dry thoroughly before applying the seal coat.
E. Protect existing manholes, inlets, vaults, valve boxes, meter boxes, etc. as necessary to maintain free accessibility upon completion of seal coat application. Surfaces adjacent to seal coat application areas such as sidewalks, curb and/or gutter, storefronts, etc. shall be protected by use of felt paper anchored with clean aggregate, or by shielding components with plywood during application.
F. Coordinate limits of seal coat application operations with Owner's Construction Manager and Store Manager to avoid interruption to store operations. Protect adjacent areas of the parking lot outside of current seal coat application limits to avoid tracking onto adjacent areas. Partition off limits of current seal coat operations until surface is traffic ready.
G. Coordinate with Store Manager to deactivate lawn sprinkler systems least 48 hours prior to placing the seal coat and remain off for at least 24 hours after the seal coat application.

2.5 APPLICATION

A. Apply seal coat at a total rate (undiluted) of 0.17gal./SY.
B. Dampen pavement with a fog spray of water if ambient temperatures exceed 80°F. No standing water shall remain on the surface.
C. Apply the coat uniformly in a manner such that the combined application of the coat equals the total rate specified above.
D. Suspend application when the distribution tank has less than 100 gallons left and refill to prevent irregular patterns or misses.
E. The coat shall be allowed to dry and cure initially a minimum of 2-4 hours before applying any markings. The initial drying shall allow evaporation of water of the applied mixture, resulting in the coating being able to sustain light foot traffic. The initial curing shall enable the mixture to withstand vehicle traffic without damage to the seal coat.
F. The finished surface shall present a uniform texture with no streaks.
G. The single coat shall be allowed to dry a minimum of eight hours in dry daylight conditions before opening to traffic, and initially cure enough to support vehicular traffic without damage to the seal coat.
H. Where marginal weather conditions exist during the eight hour drying time, additional drying time shall be allowed. The length of time shall be as specified by the supplier. The surface shall be checked after the additional drying time for trafficability before opening the section to vehicle traffic.

END OF SECTION

SPECIFICATIONS SHEET 2

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