KEY NOTES

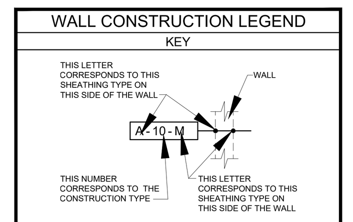
- ⟨A⟩ THRU ⟨S⟩ SEE SHEET A605 FOR ACCESSORIES SCHEDULE
- ⟨1⟩ INFILL WALL OPENING w/ MTL STUD FRAMING & SHEATHING MATCHING PLANE OF ADJACENT SURFACE ON ALL EXPOSED SIDES AND AS REQUIRED FOR NEW FINISHES
- ⟨2⟩ INFILL WALL FROM BULKHEAD ABOVE DOWN TO FLOOR WITH METAL STUD FRAMING & GYP. BOARD TO ALIGN w/ EXISTING ADJACENT FINISHES. ADD HORZ. CONTROL JOINT PER 16/A502
- ⟨3⟩ METAL FRAMING & GYP BD FINISH OVER COOLER / FREEZER PANEL - PROVIDE CLOSURE BULKHEAD TO DECK ON SALES SIDE PERIMETER PER DTL 8/A502
- ⟨4⟩ EXTEND GYP BD ON EXIST WALLS UP TO DECK OR COLUMN WRAP TO BOTTOM OF ROOF STRUCTURE
- ⟨5⟩ PROVIDE 1/2" GYP BD ON NEWLY EXPOSED STUDS UP TO DECK WHEN NO CEILING EXIST AND 6" ABOVE THE CEILING WHEN A CEILING DOES EXIST.
- ⟨6⟩ 1/2" MOISTURE RESISTANT GYP BD ON MIN. 1/2" OR 1 1/2" MTL FURRING OR STUDS AS DIMENSIONED ON COOLER PANEL - SEE DTL 8/A502
- ⟨7⟩ ON ALL EXISTING BACK SALES WALLS, ADD EITHER 1/2" OR 5/8" (F.V. TO MATCH EXISTING) GYP BD TO EXTEND MIN. 2" BELOW REDUCED SHELVING HEIGHT AT ALL NEW SHELF LOCATIONS. SEE Q-SHEETS FOR SHELVING HEIGHT
- ⟨8⟩ REPLACE EXISTING GYP BD SHEATHING w/ NEW P-LAM WAINSCOT, MDF AND HDPE CHAIR RAIL PER DTL 12/A503
- ⟨9⟩ REPLACE EXISTING FRT PLYWOOD & P-LAM WAINSCOT, CHAIR RAIL & BASE w/ NEW WAINSCOT, CHAIR RAIL AND BASE
- ⟨10⟩ REPLACE EXISTING FRT PLYWOOD & P-LAM WAINSCOT, CHAIR RAIL & BASE w/ GYP BD SHEATHING - PREPARE FOR FINISHES
- ⟨11⟩ CHASE WALL FOR LOZIER CORNERS - 1/2" GYP BD ON 3 5/8" METAL STUDS TO HEIGHT 1" TALLER THAN ADJACENT SHELVES (SEE Q-SHEETS) CAP TOP w/ 1/2" GYP BD - SEE DTL 7/A501
- ⟨12⟩ REPAIR DAMAGED STUD AND GYP BD ON SALES WALL FROM IMPACT SUSTAINED BY STOCK/SHELVES IN BACKROOM BEHIND
- ⟨13⟩ 1/2" MOISTURE RESISTANT GYP BD ON 6" METAL STUD FRAMING ON COOLER PANEL CHASE - SEE DTL 7/A502
- ⟨14⟩ INFILL EXT. WALL OPENING FROM REMOVAL OF DOOR OR WINDOW - SEE DTL 17/A402
- ⟨15⟩ DIRECT APPLY SHEATHING TYPE 'R' OVER MASONRY WALL
- ⟨16⟩ PREP EXISTING PRECAST WALL PANELS FOR PAINT. REMOVE ALL EQUIPMENT & GROUT FILL ALL EXPOSED HOLES AND DEFECTS
- ⟨17⟩ NOT USED
- ⟨18⟩ FURNISH AND INSTALL FRP FIBERGLASS REINF. PANELS 8'-0" HIGH x 4'-0" LENGTH EA. WALL ADJACENT TO SERVICE SINK
- ⟨19⟩ 4'-0" HIGH FRP ON (2) WALLS AT BASIN. EXTEND 1'-0" BEYOND FLOOR RECESS- SEE DTL 16-18/A605
- ⟨20⟩ PAINT STRIPING 4" WIDE HAZARD YELLOW STRIPES WITH 12" SPACING AT EXITS - COORDINATE w/ Q-SHEETS AND A800 SERIES
- ⟨21⟩
- ⟨22⟩ PROVIDE AND INSTALL 20-GA. CONCEALED FASTENER CLOSURE STRIPS - STAINLESS STEEL AT FOOD PREP, STEEL AT BACKROOMS, OR WALL END CAP. INSTALL AT FOOD PREP EQUIPMENT WALLS AND ALL FIXED EQUIPMENT AND COOLER/FREEZER PANELS AGAINST WALLS FOR FULL HEIGHT OF EQUIPMENT- SEE Q-SHEETS.
- ⟨23⟩ NOT USED
- ⟨24⟩ 1/2" x 6" MIN HDPE CLOSURE FULL HEIGHT AT EXPOSED ENDS OF CASES NOT TIGHT AGAINST WALL - MOUNT TO CASE SEE Q-SHEETS FOR EQUIP LAYOUT
- ⟨25⟩ SERVICE SINK - SEE PLUMBING
- ⟨26⟩ SINK - SEE PLUMBING
- ⟨27⟩ MECHANICAL EQUIPMENT - SEE MECHANICAL
- ⟨28⟩ ELECTRICAL EQUIPMENT - SEE ELECTRICAL
- ⟨29⟩ NOT USED
- ⟨30⟩ DRINKING FOUNTAIN - SEE PLUMBING & A605 FOR BARRIER FREE MOUNTING HEIGHTS
- ⟨31⟩ INTERIOR PIPE BOLLARD - SEE DTL 1/A503
- ⟨32⟩ PROTECTION RAIL - SEE DTL 2/A503
- ⟨33⟩ CART GUIDE POST- SEE DTL 3/A503 - VERIFY FINAL POST LOCATION AT ALL AUTOMATIC SWING AND SLIDER DOORS
- ⟨34⟩ CART FLOOR RAILS SEE Q-SHEETS
- ⟨35⟩ COOLER FLOOR RAIL SEE Q-SHEETS & DTL 8/A503
- ⟨36⟩ STOP ANGLE: AT DAIRY COOLER EXTEND / RELOCATE - SEE DTL 24/A503 AT HOOD INSTALL 5 FT - DTL 25/A503
- ⟨37⟩ NOT USED
- ⟨38⟩ COILING SHUTTER HOUSING (ABOVE)
- ⟨39⟩ BOTTLE RETURN TRASH OPENING PER DTL 3/A502
- ⟨40⟩ NEW MILLWORK- SEE MEIJER Q-SHEETS
- ⟨41⟩ EXISTING PLATFORM / LADDER TO REMAIN
- ⟨42⟩ NOT USED
- ⟨43⟩ INSTALL / REINSTALL TOILET ROOM FIXTURE, PARTITIONS & ACCESSORIES PER DTL SHEET A605 - SEE Q SHEETS
- ⟨44⟩ CHAIN LINK FENCE- SEE DTLS 8-13/A604
- ⟨45⟩ DECORATIVE FENCE & GATES- SEE DTLS 11-17/A604
- ⟨46⟩ DECORATIVE GUARD FENCE- SEE DTLS 15-17/A604
- ⟨47⟩ DECORATIVE BOLLARD w/ 10" COVER - SEE CIVIL DTL C5/C700
- ⟨48⟩ CONC. FILLED GUARD POST w/ COVER - SEE CIVIL DTL C5/C700
- ⟨49⟩ REPAIR CUT ENDS OF REDUCED SHADE CLOTH TOP COLUMN CONNECTORS - ADD GALV CHAIN LINK FENCE CAP TO CUT ENDS OR WELD GALV 1/4" STEEL PLATE CAP
- ⟨50⟩ INSTALL NEW / RELOCATED SHADE CLOTH STRUCTURE - CORE CONCRETE FOR NEW COLUMN LOCATIONS
- ⟨51⟩ INSTALL CONC BLDG CART CURB - SEE DTL 1/S401
- ⟨52⟩ INSTALL SECURITY MESH ON GARDEN CENTER EMERGENCY EXIT GATE - SEE 11-13/A604

GENERAL NOTES

1. LAYOUT WORK AND VERIFY ALL DIMENSIONS AND CONDITIONS WITH THOSE INDICATED ON DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO STARTING DEMOLITION OR CONSTRUCTION.
2. SEE ENLARGED FLOOR PLANS FOR OTHER DIMENSIONS.
3. SEE ROOM FINISH SCHEDULE A603 AND FINISH PLANS FOR FINISHES.
4. EXTEND ALL WALLS TIGHT TO DECK ABOVE UNLESS NOTED OTHERWISE.
5. INSTALL DEFLECTION HEADS AT ALL NEW STUDS CONSTRUCTED TIGHT TO DECK, EXIST. STRUCTURE OR BULKHEADS - SEE DTLS 4,5&7/A502
6. FOR STUD WALLS THAT GO TO DECK w/o SHEATHING ON BOTH SIDES, PROVIDE INTERNAL BRACING - SEE DTL 7/A502
7. SEE DTLS 3&11/A502 FOR TYP. VERT. CONTROL JOINTS FOR GENERAL WALL CONTROL JOINT, SPACING RESPECTIVELY WHETHER OR NOT SHOWN ON PLANS OR ELEVATIONS, JOINTS AT WALL TO CORNER & AT COLUMNS - SEE DTL 2/A503 FOR WALL TO HANGING BULKHD MOVEMENT JOINT - SEE DTL 1/A503 FOR EXPANSION JOINT
8. TOP OF SIDEWALK OUTSIDE OF EXIT DOORS SHALL BE HELD 1/4" BELOW FINISHED FLOOR.
9. MAIN FLOOR ELEVATIONS CALLED 100'-0" - SEE CIVIL FOR ACTUAL ELEVATION.
10. SEE G102 FOR LOCATION OF FIRE EXTINGUISHERS.
11. SEE DTLS 1-6/A405 FOR TYPICAL ROOF DETAILS FOR NEW HVAC WORK. COORDINATE w/ MECH
12. INSTALL OWNER PROVIDED NEW CASE SHELVING CORNER GUARDS THROUGHOUT STORE PER DTL 7/A504 AND Q SHEETS.
13. REPLACE HDPE BUMPERS ON ALL EXISTING COLUMNS IN SALES AREA PER DTL 5/A604 w/ NEW BP101 - REPLACE ALL HDPE WALL CHAIR RAILS w/ BP101 & P-LAM. WAINSCOT PER DTLS 6&7/A604 UNO
14. PROVIDE CONCENTRATED LOAD REINF. AT ALL JOISTS WHERE POINT LOAD IS MORE THAN 6" FROM PANEL POINT AND POINT LOAD GREATER THAN 200 LBS. - SEE DTL 6/S501
15. PROVIDE WALL MOUNTED ANGLE SUPPORT FOR WATER HEATERS OR BATTERY CHARGERS - SEE DTLS 13&14/S301 - COORD w/ MEIJER Q-SHEETS & M.E.P. DRAWINGS
16. PROVIDE 2"x2" S.S. CORNER GUARDS ON ALL WALL TILE 90° OR 135° CORNERS FULL HEIGHT TO CEILING. SEE DTL 4/A604 (SIM.)
17. PROVIDE PLASTIC BOLLARD COVERS OVER ALL NEW & EXIST. EXTERIOR CONC. FILLED STEEL PIPE BUMP POSTS - SEE CIVIL.
18. CAULK ALL WALL PENETRATIONS AND/OR STRUCTURAL PENETRATIONS THROUGH NEW OR EXIST. GYP. BD. CONSTRUCTION WHERE VISIBLE TO PUBLIC.
19. PATCH & REPAIR ALL INTERIOR AND EXTERIOR SURFACE DAMAGE FROM REMOVAL OF EXISTING SIGNAGE OR EQUIPMENT.

WALL CONSTRUCTION LEGEND

KEY



SHEATHING TYPES

- A- 1/2" GYP. BD. FROM FLOOR TO DECK
- B- 1/2" GYP. BD. UP TO 6" MIN. ABOVE CEILING
- C- 1/2" GYP. BD FROM EXIST. CHAIR RAIL (APPROX. 2'-8" A.F.F.) UP TO CEILING REPLACE HDPE & P-LAM BELOW TO NEW FINISH
- D- (NOT USED)
- E- 1/2" F.R.T. PLYWD TO HEIGHT OF WALL
- F- 1/2" MOISTURE RESIST. GYP. BD. UP TO DECK
- G- 1/2" MOISTURE RESIST. GYP. BD. UP TO 6" MIN. ABOVE CEILING
- H- 1/2" MOISTURE RESISTANT GYP.BD. UP TO MIN. 6" ABOVE CEILING FOR FRP OR C.T. FINISHES w/ 1/2" GYP.BD. ABOVE TO DECK
- J- (NOT USED)
- K- 1/2" F.R.T. PLYWD. UP TO 4'-0" A.F.F. w/ METAL MESH ABOVE TO DECK
- L- 1/2" F.R.T. PLYWD. UP TO 8'-0" A.F.F. w/ METAL MESH ABOVE TO DECK
- M- 1/2" F.R.T. PLYWD. UP TO 12'-0" A.F.F. w/ METAL MESH ABOVE TO DECK
- N- 1/2" F.R.T. PLYWD. UP TO DECK OR TOP OF FRAMING
- O- 1/2" F.R.T. PLYWD. UP TO 8'-0" A.F.F.
- P- 1/2" F.R.T. MDF BOARD UP TO CHAIR RAIL w/ DOUBLE LAYER HDPE TRIM. SEE DETAIL 13/A503
- Q- 1/2" F.R.T. PLYWD. UP TO H.D.P.E. CHAIR RAIL FOR WAINSCOT, THEN 1/2" GYP. BD. UP TO DECK - SEE DTL 12/A503
- R- 1/2" F.R.T. PLYWD. UP TO H.D.P.E. CHAIR RAIL FOR WAINSCOT, THEN 1/2" GYP. BD. UP TO 6" MIN. ABOVE CEILING OR TO GYP. BD. SOFFIT OR BULKHEAD - SEE DTL 12/A503
- S- 1/2" F.R.T. PLYWD. UP TO HDPE CHAIR RAIL FOR WAINSCOT, EXISTING GYP.BD. ABOVE TO REMAIN - SEE DTL 12/A503
- T- 1/2" F.R.T. PLYWD. UP TO 8'-0' A.F.F., THEN 1/2" GYP. BD. UP TO DECK (UNO) w/ ADD'L. LAYER OF 1/2" GYP. BD. FROM FLR. UP TO DECK (UNO)
- U- 1/2" F.R.T. PLYWD. UP TO 8'-0" A.F.F., THEN 1/2" GYP. BD. UP TO DECK
- V- 5/8" TYPE 'X' FIRE RATED GYP.BD. TO 6" MIN. ABOVE CEILING
- W- 5/8" GYP.BD. TO DECK ON EXISTING WALL w/ CURRENTLY 5/8" SHEATHING MATERIAL
- X- EXIST. CONSTR. TO REMAIN
- Y- (NOT USED)
- Z- NO SHEATHING REQUIRED

CONSTRUCTION TYPES

ALL MTL FRAMING 20 GA. U.N.O. ALL STUDS 1-5/8" BY DEPTH INDICATED UNLESS NOTED OTHERWISE - WHERE STUD OR FURRING INDICATED PROVIDE FULL SYSTEM w/ REQUIRED BRIDGING, BRACING AND TRACKS OF SAME GA. U.N.O.

- 1- 1-1/2" MTL. FURR. AT 16" O.C. UP TO DECK
- 2- 1-1/2" MTL. FURR. AT 16" O.C. UP TO 6" MIN. ABOVE CEILING
- 3- 1/2" RESILIENT 'Z' FURR. OR HAT CHANNEL AT 16" O.C. TO MIN. 6" ABOVE CEILING
- 4- (NOT USED)
- 5- 3-5/8" MTL. STUDS AT 16" O.C. UP TO DECK
- 6- 3-5/8" MTL. STUDS AT 16" O.C. UP TO 6" MIN. ABOVE CEILING
- 7- 3-5/8" MTL. STUDS AT 16" O.C. FOR HEIGHT OF WALL AS INDICATED ON DRAWINGS
- 8- 3-5/8" MTL. STUDS AT 16" O.C. UP TO TOP OF NEW OR EXIST. REFRIG. WALL PANEL
- 9- 3-5/8" MTL. STUDS AT 16" O.C. UP TO DECK w/ 3 1/2" SOUND BATT INSUL. UP TO 6" MIN. ABOVE CEILING
- 10- 3-5/8" MTL. STUDS AT 16" O.C. UP TO 6" MIN. ABOVE CEILING w/ 3-1/2" SOUND BATT INSUL.
- 11- (NOT USED)
- 12- PLUMBING CHASE w/ (2) SEPARATE WALLS 3-5/8" MTL. STUDS AT 16" O.C. UP TO DECK w/ 3-1/2" SOUND BATT INSUL. UP TO DECK - SEE PLAN FOR OVERALL CHASE DIMENSION
- 13- (NOT USED)
- 14- (NOT USED)
- 15- 6" MTL. STUDS AT 16" O.C. UP TO DECK
- 16- 6" MTL. STUDS AT 16" O.C. UP TO 6" MIN. ABOVE CEILING
- 17- 6" MTL. STUDS AT 16" O.C. FOR HEIGHT OF WALL AS INDICATED ON DRAWINGS
- 18- 6" MTL. STUDS AT 16" O.C. UP TO TOP OF NEW OR EXIST. REFRIG. WALL PANEL
- 19- 6" MTL. STUDS AT 16" O.C. UP TO DECK w/ 3-1/2" SOUND BATT INSUL. UP TO 6" MIN. ABOVE CEILING
- 20- 6" MTL. STUDS AT 16" O.C. UP TO 6" MIN. ABOVE CEILING w/ 3-1/2" SOUND BATT INSUL.
- 21- (NOT USED)
- 22- (NOT USED)
- 23- (NOT USED)
- 24- (NOT USED)
- 25- 8"X18-GA. MTL. STUDS AT 16" O.C. UP TO STRUCTURE ABOVE
- 26- STRUCT. STUDS - SEE SECTIONS & DETAILS
- 27- (NOT USED)
- 28- (NOT USED)
- 29- (NOT USED)
- 30- 1-1/2" MTL. FURR. AT 16" O.C. OVER NEW OR EXIST. REFRIG. WALL PANEL; INSTALL UP TO TOP OF PANEL, THEN 6" MTL. STUDS AT 16" O.C. FROM TOP OF PANEL UP TO DECK. ALIGN FURRING & STUDS FOR CONTINUOUS GYP. BD. INSTALL
- 31- 3-5/8" MTL. STUDS AT 16" O.C. OVER NEW OR EXIST. REFRIG. WALL PANEL; INSTALL UP TO TOP OF PANEL, THEN 6" MTL. STUDS AT 16" O.C. FROM TOP OF PANEL UP TO DECK. ALIGN STUDS FOR CONTINUOUS GYP. BD. INSTALL
- 32- (NOT USED)
- 33- (NOT USED)
- 34- (NOT USED)
- 35- (NOT USED)
- 36- (NOT USED)
- 37- (NOT USED)
- 38- (NOT USED)
- 39- (NOT USED)
- 40- (NOT USED)
- 41- (NOT USED)
- 42- (NOT USED)
- 43- EXIST. REFRIGERATION COOLER / FREEZER WALL PANEL TO REMAIN
- 44- NEW REFRIGERATION COOLER / FREEZER WALL PANEL- SEE REFRIGERATION PACKAGE
- 45- (NOT USED)
- 46- (NOT USED)
- 47- (NOT USED)
- 48- (NOT USED)
- 49- EXISTING ALUMINUM FRAMED GLAZING SYSTEM TO REMAIN
- 50- EXIST. WOOD STUD CONSTR. TO REMAIN
- 51- EXIST. MTL. STUD / FURR. CONSTR. TO REMAIN
- 52- EXIST. MASONRY WALL CONSTR. TO REMAIN
- 53- EXIST. PRECAST WALL PANEL CONSTR. TO REMAIN

GENERAL PROJECT NOTES

A. CONTRACTORS SHALL THOROUGHLY REVIEW THE CONTRACT DOCUMENTS, VISIT THE PROJECT SITE, AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING WORK BEFORE SUBMITTING THEIR BIDS.
   1. ANY DIFFERENCES BETWEEN EXISTING FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE REPORTED TO C.M. FOR CONSIDERATION BEFORE PROCEEDING WITH THE WORK.

B. THE CONTRACTOR SHALL OBTAIN ALL PERMITS & PAY ALL NECESSARY FEES

C. THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE & MAINTAIN TEMP. ENCLOSURES, WHITE PLASTIC DUST BARRIERS, AND/OR TRAFFIC BARRIERS AS REQ'D OR AS INDICATED ON DWGS. TO MAINTAIN A SAFE AND CLEAN ENVIRONMENT FOR STORE GUESTS AND TEAM MEMBERS.

D. ANY SHUT-OFF (ELECT, PLBG, FP, ETC) MUST BE COORDINATED WITH THE CONTRACTOR/MANAGER, OWNER REPRESENTATIVE AND LOSS PREVENTION DEPT., A MINIMUM OF TWO (2) DAYS IN ADVANCE

E. ANY DAMAGES CAUSED BY THE CONTRACTOR DURING WORK SHALL BE PATCHED AND REPAIRED TO MATCH THE EXISTING ADJACENT CONSTRUCTION AT NO ADDITIONAL COST TO MEIJER, INC

F. NEW MASONRY WALLS SHALL BE CUSTOM CUT TO ALIGN W/ EXIST. CMU & BRICK COURSING IF REQ'D

G. PATCH EXISTING FLOOR SLABS PER FOLLOWING INSTRUCTIONS:
   1. ALL CONCRETE USED FOR MATCHING AND REPAIR OF THE EXISTING SLAB ON GRADE SHALL MEET THE FOLLOWING PROPERTIES:
      a. NORMAL WEIGHT (145 pcf)
      b. MAXIMUM WATER-CEMENT: RATIO (w/c) = 0.50
      c. CEMENT SHALL MEET ASTM C150, TYPE 1
      d. FINE AND COURSE AGGREGATES SHALL MEET ASTM C33
   2. FOR MINOR CONCRETE PATCHING (ISOLATED PATCHES LESS THAN 1'-6" SQUARE OR STRIP PATCHES LESS THAN 1'-6" WIDE), PROVIDE NEW CONCRETE MEETING THE ABOVE REQUIREMENTS WITH A MIN. THICKNESS OF EXISTING SLAB. PROVIDE CONCRETE BONDING AGENT BETWEEN SURFACES OF NEW & OLD CONCRETE.
   3. FOR MAJOR CONCRETE PATCHING (ISOLATED PATCHES GREATER THAN 1'-6" SQUARE OR STRIP PATCHES GREATER THAN 1'-6" WIDE), PROVIDE NEW CONCRETE MEETING THE ABOVE REQUIREMENTS WITH A MINIMUM THICKNESS OF 4 1/2" AT SALES / FOOD PREP AREAS, 5" AT BACKROOM AREAS, PROVIDE SAND FILL IF EXISTING THICKER SLABS PER GENERAL DEMOLITION NOTES SHEET D100 NOTE "N" ARE ENCOUNTERED. PROVIDE CONCRETE BONDING AGENT BETWEEN SURFACES OF NEW AND OLD CONCRETE. DOWEL NEW TO EXISTING PER DETAIL 3/S301. PROVIDE DOWELS ALL SIDES AND POSITION DOWELS IN CENTER OF NEW CONCRETE PATCH. PROVIDE EXPANSION JOINTS AND CONTROL JOINTS PER DTL 2/S301 TO MATCH CURRENT LOCATIONS AND SPACING.
   4. SLOPE CONCRETE FLOOR SLABS UNIFORMLY TO DRAINS ELEVATION AS INDICATED ON S101
   5. ADD 10 MIL VAPOR BARRIER AT FREEZER SLABS - SEE DETAILS 17-21/A503
   6. PRIOR TO CONCRETE PLACEMENT AND NEW UTILITIES, SUBBASE SHALL BE COMPACTED AND SMOOTH TO PROVIDE A UNIFORM THICKNESS OF CONCRETE PATCH.
   7. COORDINATE DEPTH AND PLACEMENT OF NEW UTILITIES SUCH THAT UTILITIES ARE NOT ENCASED IN NEW PATCH CONCRETE. MAINTAIN A MINIMUM 3" BETWEEN BOTTOM OF CONCRETE PATCH AND UTILITY.
   8. PROVIDE CONCRETE SEALER ON ALL SURFACES OF NEW CONCRETE PATCHES - SEE A800 DRAWINGS AND SPECIFICATIONS.
   9. APPROVED MATERIALS FOR FILLING BOLT HOLES, CREVICES, CRACKS, OR USED FOR PATCHING SMALL AREAS OF DETERIORATED CONCRETE TO BE AS FOLLOWS:
      a. DAYTON SUPERIOR CORPORATION - PERMA PATCH
      b. THE EUCLID CHEMICAL COMPANY - EUCOCRETE
      c. SONNEBORN CHEMREX, INC.- EPOLITH PATCHER

H. PAINT ALL NEW HVAC DUCT WORK THAT WILL BE EXPOSED IN THE SALES AREA, COLOR TO MATCH EXISTING SURROUNDING ROOF DECK AND STRUCTURE. PAINT ALL NEW, EXISTING AND/OR RELOCATED MECHANICAL GRILLES IN PERIMETER SALES WALL OR BULKHEADS TO MATCH NEW WALL COLORS. PAINT ALL NEW OR EXISTING ELECTRICAL PANELS EXPOSED TO PUBLIC VIEW. COLOR TO MATCH ADJACENT WALL.

I. INSTALL NEW COLOR BANDS ON COLUMNS TO COORDINATE WITH NEW TELEPHONES, EQUIPMENT AND FIRE EXTINGUISHERS RELOCATION. SEE DEMO PLANS, ELECTRICAL PLANS AND MEIJER Q-SHEETS.

J. REPAINT ALL EXISTING INTERIOR STRUCTURAL COLUMNS AND COLUMN ENCLOSURE, ALL EXPOSED DRAIN PIPES, ALL PIPE CHASES AND DROPS, AND ANY EXPOSED PIPING CONNECTED TO COLUMNS - SEE FINISH REQUIREMENTS. PREP COLUMNS BY GRINDING OFF ANY IMPERFECTIONS OR PAINT LINES. FILL ALL HOLES PRIOR TO PAINT. HOLES OVER 1/4" DIA. TO HAVE 'BONDO' OR OTHER SIMILAR SOLID FILLER. PREP AND PATCH ALL EXISTING COLUMN WRAPS PRIOR TO PAINT.

K. INSTALL NEW HDPE IMPACT PROTECTION THROUGHOUT AREAS EXPOSED TO PUBLIC VIEW SEE DEMO FOR ADDITIONAL INFORMATION.

L. INSTALL HDPE CHAIR RAIL & P-LAM WAINSCOT ON ALL EXPOSED WALL SURFACE IN SALES AREA - SEE A301, A302 & A80x SHEETS, COORDINATE w/ MEIJER Q-SHEETS

M. PROVIDE CORNER GUARDS ON ALL PAINTED WALLS TO 8'-6" A.F.F. PROVIDE COLORED 1 1/2" GUARDS ON P-LAM WAINSCOT CORNER BELOW BUMPERS TO MATCH HDPE -SEE SHEET A603

N. PROVIDE CONTROL JOINTS IN ALL NEW GYP. BD. CONSTRUCTION WHERE SHOWN ON DRAWINGS OR AS REQ'D FOR MAXIMUM SPACING OF 30'-0" O.C. PROVIDE VERTICAL MOVEMENT JOINT AT LOCATIONS WHERE ROOF HUNG BULKHEADS INTERSECT WITH FLOOR SUPPORTED WALL CONSTRUCTION.

O. WHERE NEW WALL CONSTRUCTION TO DECK IS PARALLEL TO AND ALIGNS WITH EXISTING ROOF STRUCTURE BEAM, JOIST OR GIRDERS, INFILL WEBBING SIMILAR TO DTL 12/A503 OR BOX AROUND MEMBER ON PUBLIC SALES SIDE OF MEMBER.

P. PATCH AND REPAIR ALL STUD AND GYP. BD. CONSTRUCTION AROUND EXISTING ELECTRICAL PANELS WHERE WIRES ARE "UNFISHABLE" AND SHEATHING DEMOLITION IS REQUIRED.

Q. PATCH AND REPAIR GYP. BD. AROUND NEW DOOR AND FRAMES ADDED TO EXISTING WALLS. RETURN GYP. BD. TO FRAME ON THICKER EXTERIOR WALLS.

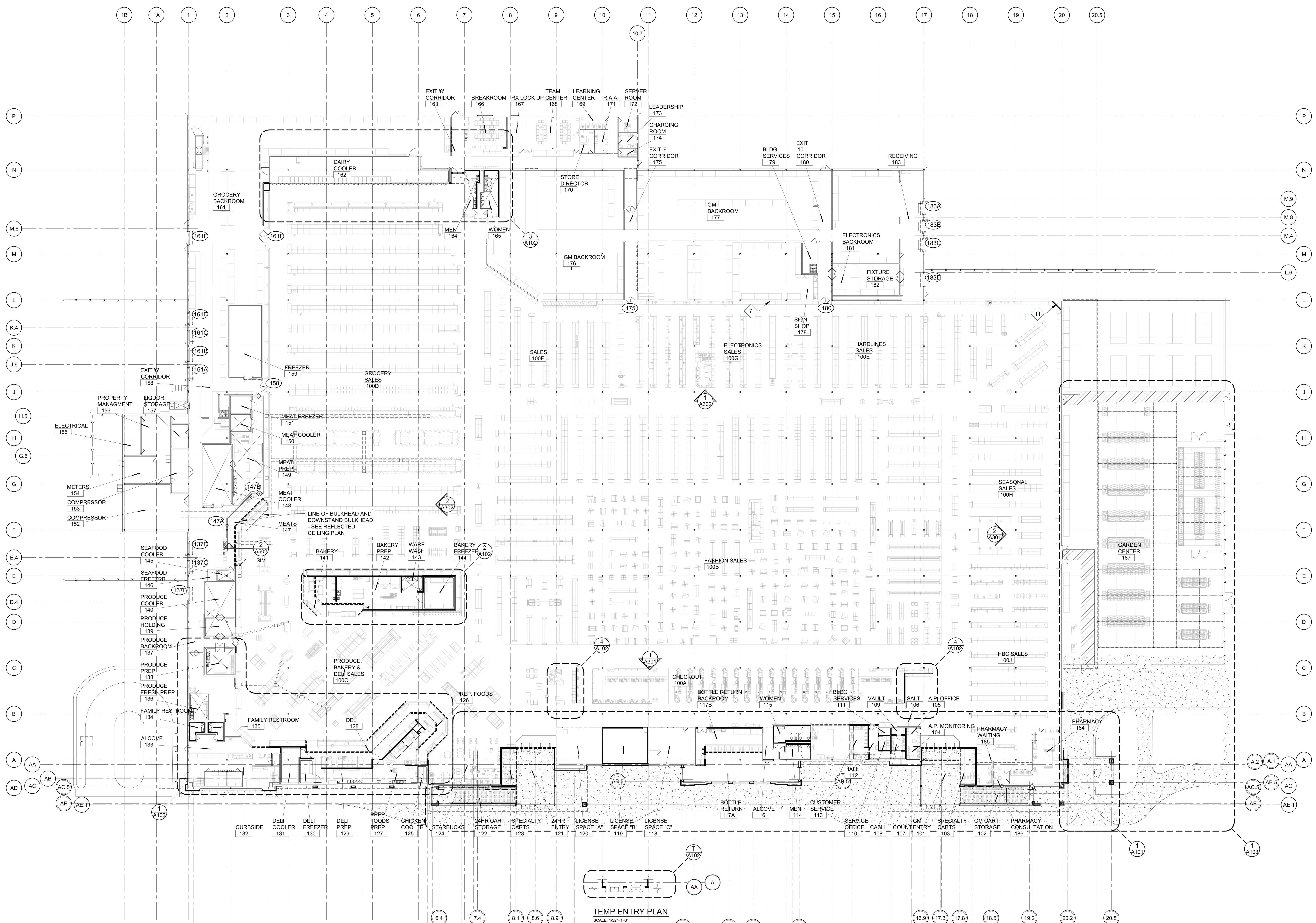
R. CAULK FILL ALL PRECAST WALL SAW CUT "OVERAGES" PAST DESIRED OPENINGS. FILL ALL FLOOR OVERCUTS w/ MM80.

S. PROVIDE 20-GA. CONCEALED FASTENER STAINLESS STEEL CLOSURE STRIPS AT ALL FIXED FOOD PREP EQUIPMENT AND COOLER/FREEZER PANELS AGAINST WALLS FOR FULL HEIGHT OF EQUIPMENT- SEE Q-DOCUMENTS.

T. PROVIDE 1-1/2" METAL DECK, ROOF INSULATION AND ROOF MEMBRANE TO MATCH EXISTING AT ALL HIGH ROOF R.T.U. LOCATIONS BEING REMOVED. REMOVE CURB BUT KEEP ANGLE FRAME FOR NEW DECK SUPPORT. PAINT PER SHT. A700 - SEE MECHANICAL DEMO. FOR LOCATIONS.

WALL SYMBOL KEY

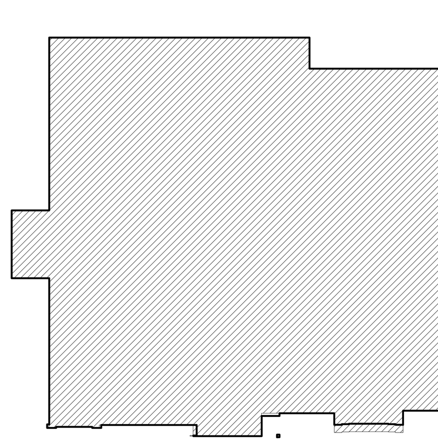
EXISTING WALLS	
NEW WALLS	



1 A100 **OVERALL FLOOR PLAN**
SCALE: 1/32"=1'-0"

CSPA 18-16
Meijer 64

REC'D 2018-09-24



KEY PLAN

Monday, September-17-2018 at 11:33am O:\1805060 Meijer 064 Ann Arbor Redo\Drawings\Arch\064-A100.dwg RDK

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PROJECT

MEIJER STORE 064

RESET & REMODEL

PROJECT NO
CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

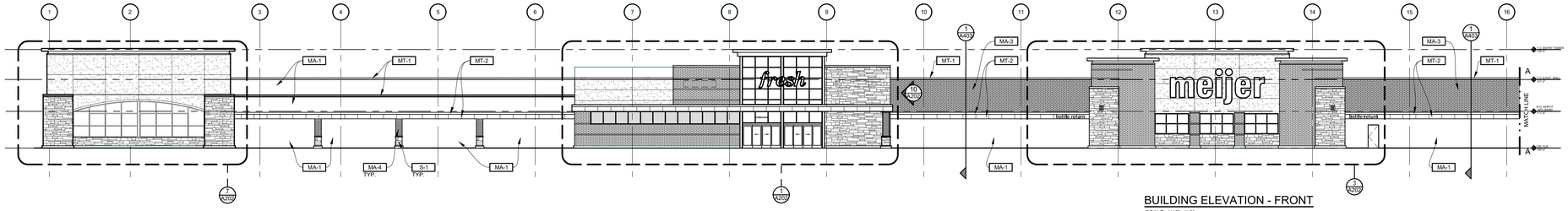
PROJECT

1805060

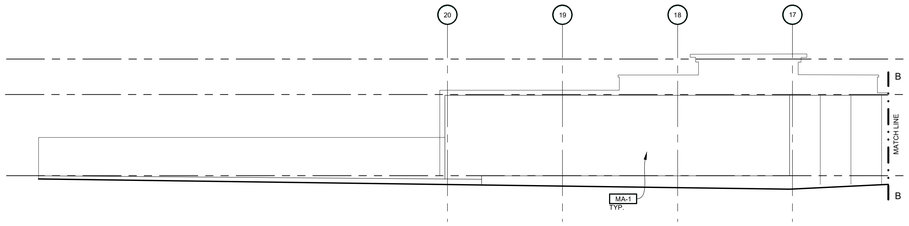
SHEET

OVERALL FLOOR PLAN

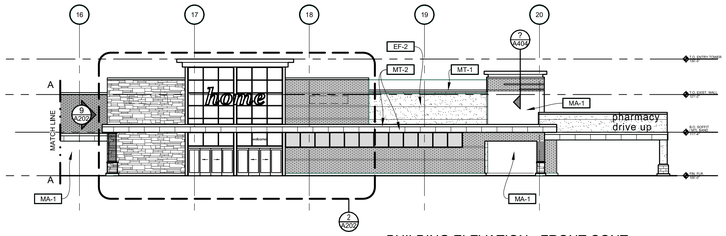
A100



BUILDING ELEVATION - FRONT
SCALE: 1/16"=1'-0"



BUILDING ELEVATION - REAR CONT.
SCALE: 1/16"=1'-0"



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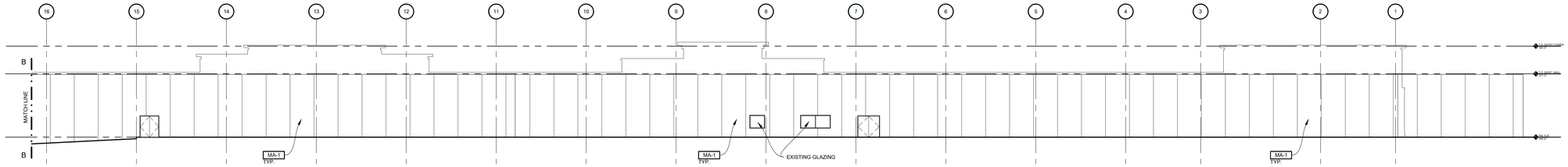

BUILDING ELEVATION - REAR
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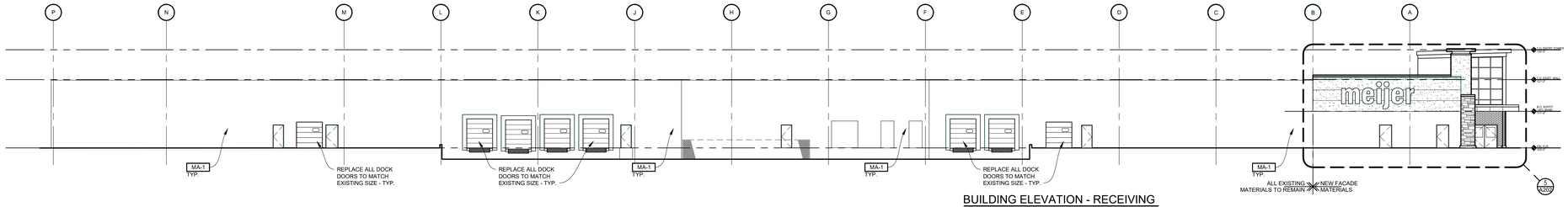
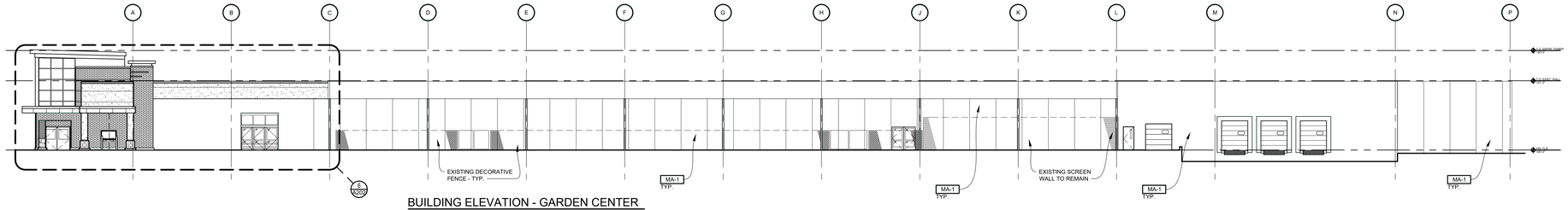


BUILDING ELEVATION - RECEIVING
SCALE: 1/16"=1'-0"



BUILDING ELEVATION - GARDEN CENTER
SCALE: 1/16"=1'-0"

EXTERIOR FINISHES LEGEND

C-1	EXPOSED SITE CAST CONCRETE SURFACE
C-2	PRECAST CONCRETE CAPS AND SILLS, COLOR ROCK CAST "CREME BUFF" OR EQUAL - SEE DTLS XX/A40?
EF-1	EIFS - COLOR MATCH SW 6061 "TANBARK" STO LIT 1.5 TEXTURE WITH V-GROOVES
EF-2	EIFS - COLOR MATCH SW 6142 "MACADAMIA" STO LIT 1.5 TEXTURE WITH V-GROOVES
EF-3	EIFS - COLOR MATCH SW 7030 "ANEW GRAY" STO LIT 1.5 TEXTURE WITH V-GROOVES
EF-4	EIFS - COLOR MATCH SW 7510 "CHATEAU BROWN" STO LIT 1.5 TEXTURE WITH V-GROOVES
EPT-1	EXTERIOR PAINT - COLOR MATCH PAC-CLAD "BONE WHITE"
EPT-2	EXTERIOR PAINT - COLOR MATCH PAC-CLAD "AWARD BLUE"
EPT-3	EXTERIOR PAINT - COLOR MATCH ADJACENT SURFACE
EPT-4	EXTERIOR PAINT - COLOR MATCH "HAZARD YELLOW"
EPT-5	EXTERIOR PAINT - COLOR MATCH SW 6142 "MACADAMIA"
EPT-6	EXTERIOR PAINT - COLOR MATCH SW 6061 "TANBARK"
EPT-7	EXTERIOR PAINT - COLOR MATCH PAC-CLAD "ALMOND"
EPT-8	EXTERIOR PAINT - COLOR MATCH SW 7030 "ANEW GRAY"
EPT-9	EXTERIOR PAINT - COLOR MATCH SW 7504 "KEYSTONE GRAY"
EPT-10	EXTERIOR PAINT - COLOR MATCH SW 7510 "CHATEAU BROWN"
G-1	GLASS - EXISTING TO REMAIN
G-2	GLASS - 1/4" CLEAR - TEMPERED WERE INDICATED
G-3	GLASS - 1 3/16" CLEAR BALLISTICS RATED
G-4	GLASS - 1/4" DARK TINT - TEMPERED WERE INDICATED
GU-1	GLASS UNIT - 1" CLEAR - TEMPERED WERE INDICATED
GU-2	GLASS UNIT - 1" TINTED - TEMPERED WERE INDICATED
GU-3	GLASS UNIT - 1" DARK TINTED - TEMPERED WERE INDICATED
GU-4	GLASS UNIT - 1" FROSTED FILM - TEMPERED WERE INDICATED
GU-5	SPANDREL GLASS UNIT - LOW-E AND 40% FRIT DOT PATTERN
MA-1	FACE BRICK - EXISTING TO REMAIN
MA-2	FACEBRICK - UTILITY SIZE, COLOR "BISMARK DARK VELOUR" BY BELDEN BRICK
MA-3	FACEBRICK - UTILITY SIZE, COLOR "DUTCH GREY VELOUR" BY BELDEN BRICK
MA-4	FACEBRICK - MODULAR SIZE, COLOR "BISMARK DARK VELOUR" BY BELDEN BRICK
MA-5	FACEBRICK - MODULAR SIZE, COLOR "DUTCH GREY VELOUR" BY BELDEN BRICK
MA-6	FACE BRICK - UTILITY SIZE, COLOR "SIENNA BLEND VELOUR" BY BELDEN BRICK
MA-7	FACE BRICK - UTILITY SIZE, COLOR "No. 8532" BY BELDEN BRICK
MA-8	CONCRETE BLOCK VENEER - 4" SPLIT FACE, COLOR "BRICK RED M" BY TRENDSTONE
MM-1	MASONRY MORTAR - COLOR MATCH EXISTING ADJACENT
MM-2	MASONRY MORTAR - 1:SOLOMON BUFF 10X
MT-1	METAL - 24 GA. PREFINISHED, COLOR MATCH PAC-CLAD "BONE WHITE"
MT-2	METAL - 24 GA. PREFINISHED, COLOR MATCH PAC-CLAD "AWARD BLUE"
MT-3	METAL - .032 ALUMINUM, COLOR "CLEAR ANODIZED"
MT-4	METAL - 24 GA. PREFINISHED, COLOR MATCH SW 6142 "MACADAMIA"
MT-5	METAL - 24 GA. PREFINISHED, COLOR MATCH SW 7504 "KEYSTONE GRAY"
S-1	VENEER STONE HIDDEN RIDGE "LAKELAND BLEND" BY BELDEN BRICK

GENERAL NOTES

1. POCHED MASONRY REPRESENTS ACCENT COLOR MASONRY (MA-1 OR MA-1)
2. SEALANT OR MORTAR FILL ALL HOLES OR PIPE PENETRATIONS IN EXTERIOR WALLS
3. SEE CIVIL DRAWINGS FOR ALL NEW / EXISTING SIGNAGE AREAS
4. PROVIDE CONTROL JOINTS IN EIFS AS REQUIRED BY **MANUFACTURER**

PARADIGM DESIGN
ARCHITECTS I ENGINEERS

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500 3 Mile NW Suite B
Grand Rapids, MI 49544
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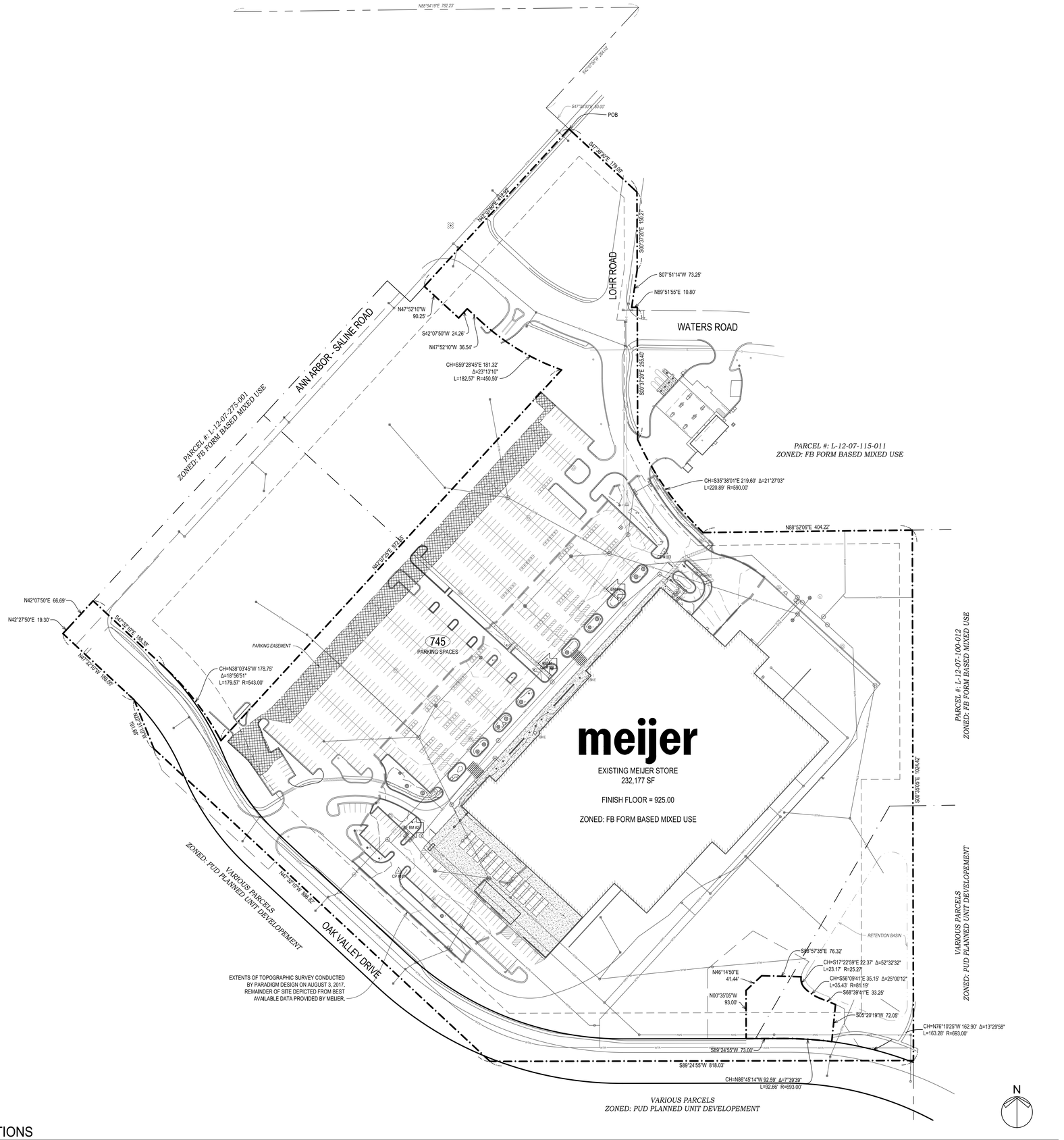
1805060

SHEET

BUILDING
ELEVATIONS

A201

Monday, September-17-2018 at 11:34am O:\1805060 Meijer 064 Ann Arbor Reset\Drawings\Arch\064-A201.dwg RDK

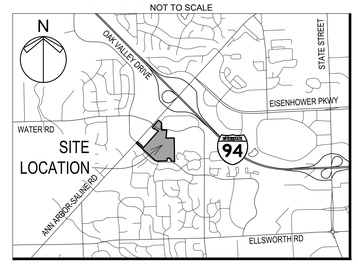


A1 EXISTING CONDITIONS

SCALE: 1" = 80'

SITE LOCATION MAP

NOT TO SCALE



3145 ANN ARBOR - SALINE RD
PITTSFIELD TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

SECTION 07, TOWN 03 S, RANGE 06 E
42°14'25" N, 83°46'00" W
PARCEL #: L-12-07-100-032

LEGAL DESCRIPTION:

PART OF THE NORTH 1/2 OF SECTION 7, TOWN 3 SOUTH, RANGE 6 EAST, PITTSFIELD TOWNSHIP, WASHTENAW COUNTY, MICHIGAN BEING MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTH 1/4 CORNER OF SECTION 7; THENCE N88°54' 19"E, 762.23 FEET ALONG THE NORTH LINE OF SAID SECTION 7, TO A POINT ON THE CENTERLINE OF ANN ARBOR-SALINE ROAD (VARIABLE WIDTH); THENCE S42°07' 50"W, 264.03 FEET ALONG SAID CENTERLINE; THENCE S47°38' 30"E, 60.00 FEET TO THE POINT OF BEGINNING; THENCE S47°38' 30"E, 179.09 FEET; THENCE S00°37' 20"E, 150.27 FEET; THENCE S07°51' 14"W, 73.25 FEET; THENCE N89°51' 55"E, 10.80 FEET; THENCE S00°37' 20"E, 255.40 FEET; THENCE ALONG A NON-TANGENT CURVE TO THE LEFT, 220.89 FEET, SAID CURVE HAVING A RADIUS OF 590.00 FEET, A CENTRAL ANGLE OF 21°27'03", AND A LONG CHORD BEARING OF S35° 38' 01"E, 219.60 FEET; THENCE N88° 52' 06"E, 404.22 FEET; THENCE S00° 35' 05"E, 1024.42 FEET TO A POINT BEING S88°38'38"W, 1292.15 FEET AND N00°35'05"W, 633.40 FEET FROM THE EAST 1/4 CORNER OF SAID SECTION 7; THENCE S89° 24' 55"W, 818.03 FEET; THENCE N47° 32' 10"W, 886.82 FEET; THENCE N22° 31' 10"W, 101.68 FEET; THENCE N47° 32' 10"W, 188.00 FEET; TO A POINT ON THE CENTERLINE OF ANN ARBOR-SALINE ROAD (VARIABLE WIDTH); THENCE THE FOLLOWING 2 COURSES ALONG SAID CENTERLINE (1) N42° 27' 50"E, 19.30 FEET, AND (2) N42° 07' 50"E, 66.69 FEET; THENCE S47° 32' 10"E, 188.38 FEET; THENCE ALONG A TANGENT CURVE TO THE RIGHT, 179.56 FEET, SAID CURVE HAVING A RADIUS OF 543.00 FEET, A CENTRAL ANGLE OF 18°56'49", AND LONG CHORD BEARING S38° 03' 45"E, 178.75 FEET; THENCE N42° 07' 20"E, 972.55; THENCE ALONG A NON-TANGENT CURVE TO THE RIGHT 182.57 FEET, SAID CURVE HAVING A RADIUS OF 450.50 FEET, A CENTRAL ANGLE OF 23°13'09", AND LONG CHORD BEARING N59° 28' 45"W, 181.32 FEET; THENCE N47° 52' 10"W, 36.54 FEET; THENCE S42° 07' 50"W, 24.26 FEET; THENCE N47° 52' 10"W, 90.25 FEET; THENCE N42° 07' 50"E, 412.92 FEET TO THE POINT OF BEGINNING.

EXCEPT COMMENCING AT THE EAST 1/4 CORNER OF SECTION 7; THENCE S88° 35' 38"W, 1292.15 FEET ALONG THE EAST-WEST 1/4 LINE; THENCE N00° 35' 05"W, 629.67 FEET; THENCE ALONG A NON-TANGENT CURVE TO THE LEFT 163.28 FEET, SAID CURVE HAVING A RADIUS OF 693.00 FEET, A CENTRAL ANGLE OF 13°29'59", AND A LONG CHORD BEARING N76° 10' 25"W, 162.90 FEET TO THE POINT OF BEGINNING OF THE EXCEPTED PARCEL; THENCE CONTINUING ALONG SAID CURVE TO THE LEFT 92.66 FEET, SAID CURVE HAVING A RADIUS OF 693.00 FEET, A CENTRAL ANGLE OF 07°39'39", AND A LONG CHORD BEARING N86° 45' 18"W, 92.59 FEET; THENCE S89° 24' 55"W, 73.00 FEET; THENCE N00° 35' 05"W, 93.00 FEET; THENCE N46° 14' 50"E, 41.44 FEET; THENCE S88° 57' 35"E, 76.32 FEET; THENCE ALONG A NON-TANGENT CURVE TO THE LEFT 23.17 FEET, SAID CURVE HAVING A RADIUS OF 25.27 FEET, A CENTRAL ANGLE OF 52°32'32", AND A LONG CHORD BEARING OF S17° 22' 59"E, 22.37 FEET; THENCE ALONG A TANGENT CURVE TO THE LEFT 35.43 FEET, SAID CURVE HAVING A RADIUS OF 81.19 FEET, A CENTRAL ANGLE OF 25°00'12", AND A LONG CHORD BEARING OF S56° 09' 41"E, 35.15 FEET; THENCE S68° 39' 41"E, 33.25 FEET; THENCE S05° 20' 19"W, 72.05 FEET TO THE POINT OF BEGINNING OF THE EXCEPTED PARCEL. CONTAINING 32.37 ACRES.

BENCHMARKS:

BM #1: TOP OF CUT OFF BOLT ON EAST SIDE OF LIGHT POLE BASE "B". LOCATED 75 FEET NORTHWEST OF AND 270 FEET SOUTHWEST OF NORTH CORNER OF BUILDING - 1.7 FEET ABOVE SIDEWALK. ELEVATION: 926.49.

BM #2: TOP OF NORTH BOLT UNDER "7" IN "1987" ON FIRE HYDRANT. LOCATED 55 FEET NORTHWEST OF AND 105 FEET SOUTHWEST OF WEST CORNER OF BUILDING - 1.4 FEET ABOVE GROUND LEVEL. ELEVATION: 925.74.

BM #3: TOP OF CUT OFF BOLT ON EAST SIDE OF LIGHT POLE BASE "A". LOCATED 75 FEET NORTHWEST OF AND 75 FEET SOUTHWEST OF NORTH CORNER OF BUILDING - 2.5 FEET ABOVE GROUND LEVEL. ELEVATION: 926.59.

BENCHMARK DATUM PER ORIGINAL MEIJER CONSTRUCTION DRAWINGS COMPLETED BY THE WBDC GROUP AND PROGRESSIVE IN 1987.

FLOODPLAIN DATA:

THE ENTIRE SITE IS LABELED "ZONE X, AREA OF MINIMAL FLOOD HAZARD" ACCORDING TO FEMA FLOOD MAP PANEL 26161C0362 DATED APRIL 3, 2012.

WETLAND DATA:

THERE ARE NO WETLANDS ON THE PROPERTY ACCORDING TO THE U.S. FISH AND WILDLIFE SERVICE NATIONAL WETLAND INVENTORY MAPS. [OR ENTER OTHER NOTE DESCRIBING WETLANDS]

PARKING DATA:

REGULAR PARKING SPACES:	619
SHARED REGULAR PARKING SPACES:	102
BARRIER FREE SPACES:	22
VAN ACCESSIBLE SPACES:	2
TOTAL:	745

* DOES NOT INCLUDE SPACES OCCUPIED BY CART CORRALS

DEVELOPMENT REFERENCE:

OWNER: MEIJER STORES LIMITED PARTNERSHIP
2929 WALKER AVE, NW
GRAND RAPIDS, MI 49544

CIVIL ENGINEER: PARADIGM DESIGN
ARCHITECT: 550 3 MILE ROAD N.W., SUITE B
GRAND RAPIDS, MI 49544

EXISTING LEGEND

BENCHMARK, SIGN, SIGN WITH BASE, BIKE RACK, CONTROL POINT, MONITORING WELL, BOLLARD POST, DECIDUOUS TREE, UTILITY MANHOLE, CART CORRAL

WATER	ELECTRICAL	STORM SEWER
MANHOLE	MANHOLE	MANHOLE
VALVE	LIGHT POLE	SQUARE CATCH BASIN
HYDRANT	LIGHT POLE WITH BASE	CURB CATCH BASIN
POST INDICATOR VALVE	"MISS DIG" FLAG - ELECTRIC	ROUND CATCH BASIN
SANITARY SEWER	**TELEPHONE**	CLEAN OUT
MANHOLE	MANHOLE	**NATURAL GAS**
CLEAN OUT	PEDESTAL	METER

CONCRETE PAVEMENT
CURB & GUTTER
LANDSCAPE CURB
PROPERTY LINE
925 — 924 CONTOUR LINE
X — X FENCE
WTR WATER MAIN
SAN SANITARY SEWER
STM STORM SEWER
UNDERDRAIN
G NATURAL GAS
UG-E UNDERGROUND ELECTRIC
UG-C UNDERGROUND CABLE

Know what's below. Call before you dig.

NOTE: THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT.

NOTE: ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS FROM FIELD DATA AND AVAILABLE INFORMATION. THEY SHOULD NOT BE INTERPRETED AS EXACT LOCATIONS NOR SHOULD THEY BE ASSUMED TO BE THE ONLY UTILITIES IN THE AREA.

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BRIAN T. BINNOTT
MI - REGISTRATION #6201052169
EXP. DATE 10/31/2019

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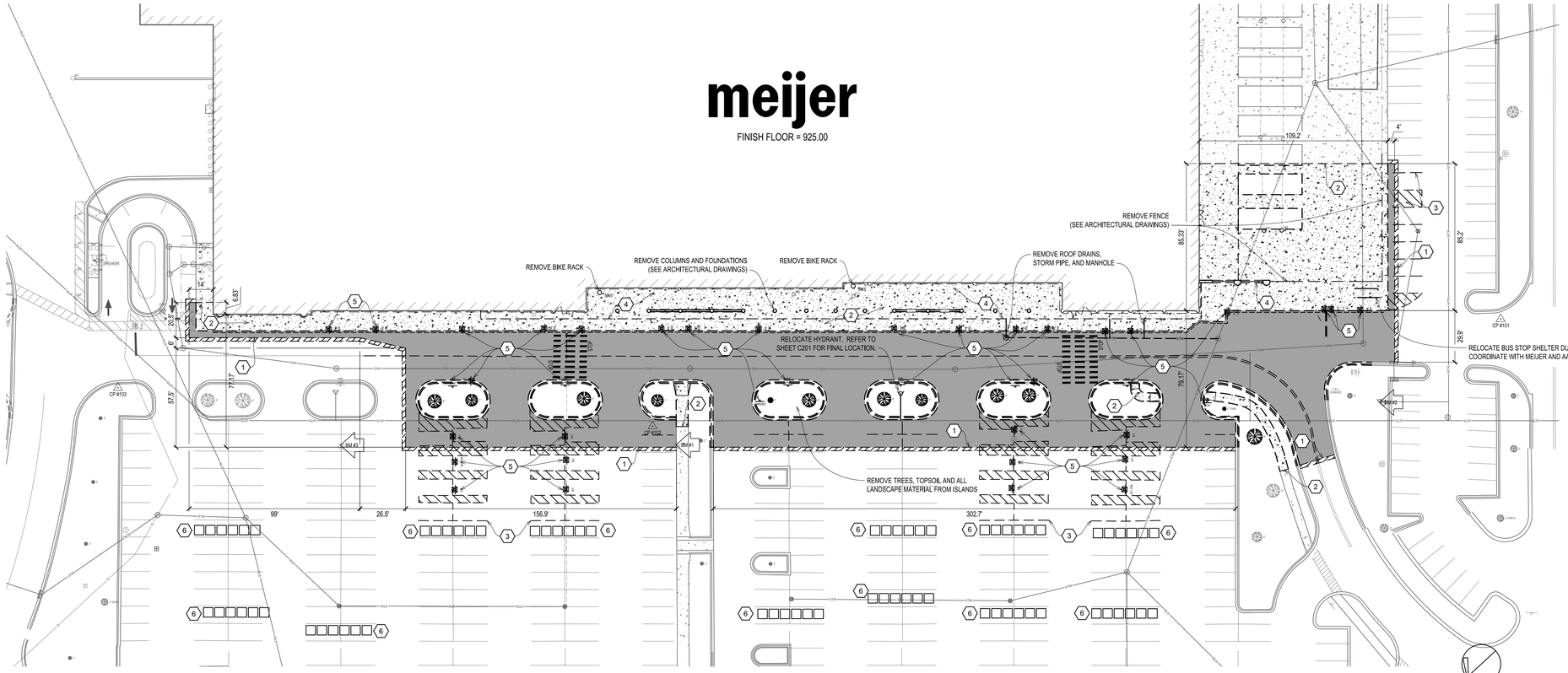
SHEET

EXISTING CONDITIONS

C100

Thursday, September-13-2018 at 10:32am O:\1805060 Meijer 064 Ann Arbor Rezoz\Drawings\Civil\064-C100.dwg jlp



DEMOLITION KEYNOTES:

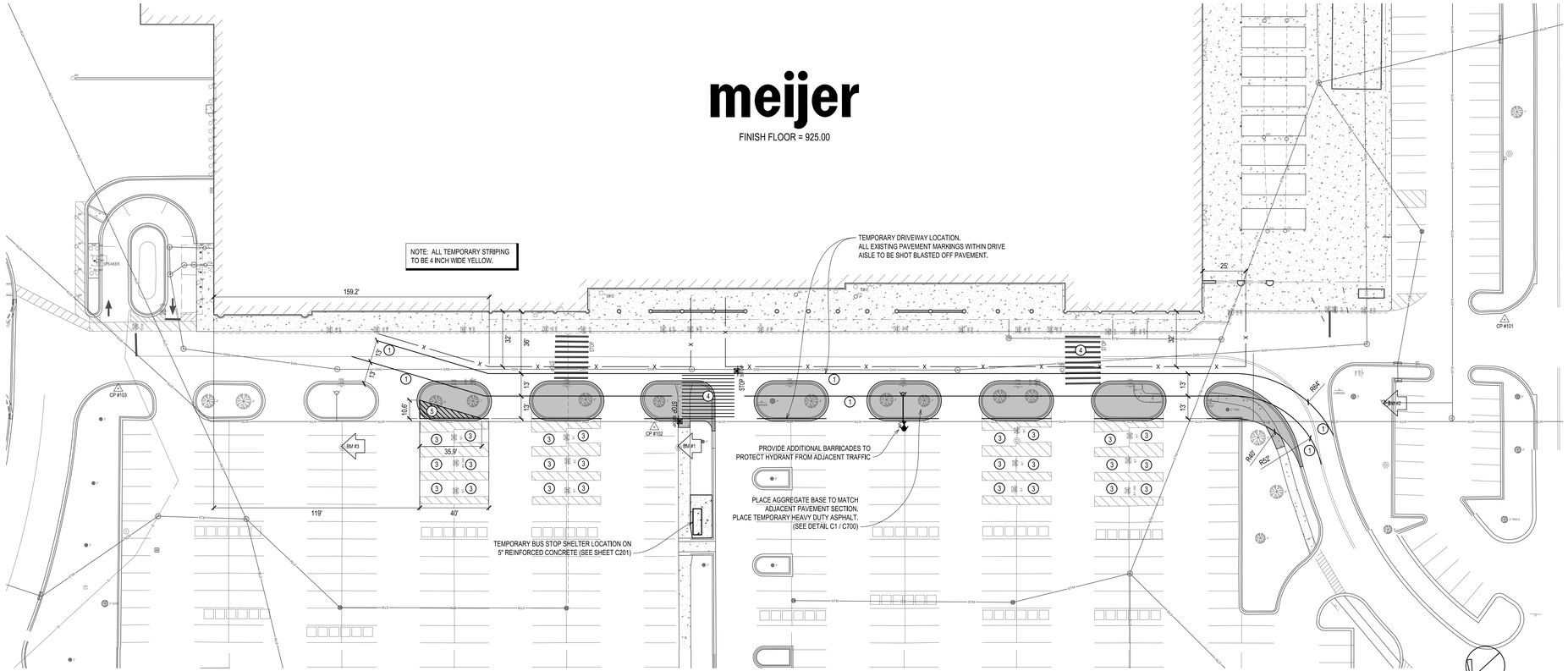
1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT.
2. SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT.
3. REMOVE EXISTING PAVEMENT STRIPING BY SHOT BLASTING.
4. REMOVE EXISTING OVERHEAD STRUCTURE & RELATED APPURTENANCES. (SEE ARCHITECTURAL DRAWINGS)
5. RELOCATE EXISTING SIGN AND BASE. (REFER TO SHEET C500 FOR FINAL LOCATION)
6. REMOVE EXISTING CART CORRAL. (REFER TO SHEET C200 FOR FINAL LOCATION)
7. REMOVE & SALVAGE LIGHT POLE. REMOVE BASE.

DEMOLITION LEGEND

	DEMOLITION ITEMS
	REMOVE PAVEMENT
	REMOVE CONCRETE PAVEMENT
	COLD MILL 1 1/2" EXISTING PAVEMENT (DETAIL D3 / C301)
	REMOVE CURB & GUTTER
—— X —— X ——	REMOVE FENCE
	REMOVE PAVEMENT STRIPING
—— WTR —— WTR ——	REMOVE WATER MAIN
—— STM —— STM ——	REMOVE UNDERGROUND UTILITY
	REMOVE UNDER DRAIN

C1 DEMOLITION PLAN

SCALE: 1" = 30'



PAVEMENT STRIPING NOTES:

1. ALL DIMENSIONS MEASURED FROM FACE OF BUILDING.
2. ALL PAVEMENT MARKING SHALL BE YELLOW IN COLOR UNLESS NOTED OTHERWISE.
3. CROSSWALK STRIPING TO BE CENTERED ON THE BUILDING AND GARDEN CENTER ENTRANCES.

STRIPING KEYNOTES:

1. TEMPORARY 4" SINGLE SOLID LINE, YELLOW
2. NOT USED
3. ACCESSIBLE PARKING SPACES (D4 / C500)
4. TEMPORARY CROSSWALK (E5 / C500)
5. NO PARKING AREAS
   - 4" YELLOW STRIPE AT 2' O.C. AT 45° TO PARKING SPACE

PROPOSED LEGEND

	TEMPORARY HEAVY DUTY ASPHALT
—— X —— X ——	CONSTRUCTION FENCE

A1 TEMPORARY DRIVEWAY PLAN

SCALE: 1" = 30'

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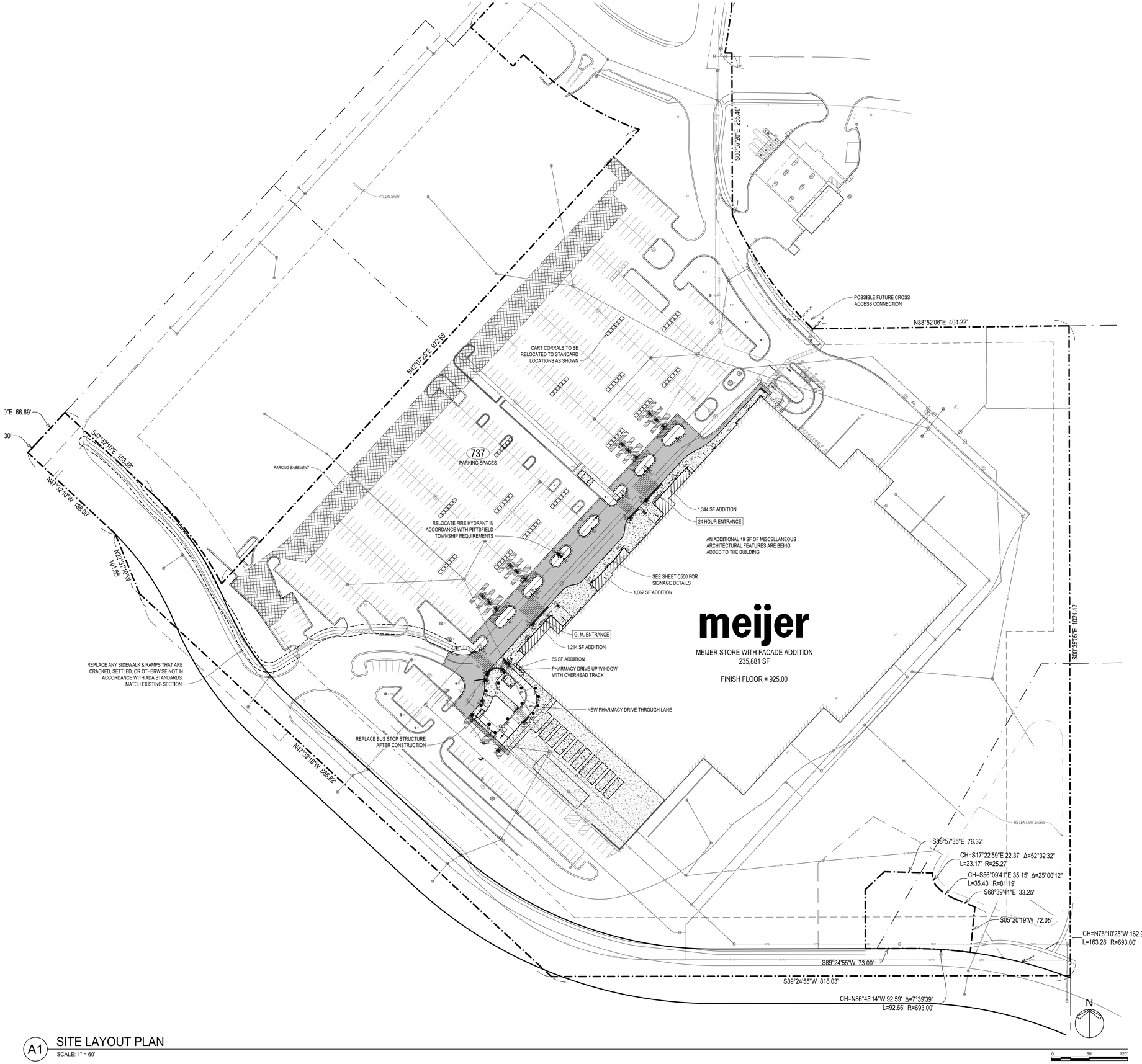
DEMOLITION PLAN - TEMPORARY DRIVEWAY PLAN

C101

Thursday, September-13-2018 at 10:32am O:\1805060 Meijer 064 Ann Arbor Redo\Drawings\Civil\064-C101.dwg jlp



A1 SITE LAYOUT PLAN

SCALE: 1" = 60'

GENERAL NOTES:

1. NO DIMENSION MAY BE SCALED. REFER UNCLEAR ITEMS TO THE ENGINEER FOR INTERPRETATION.
2. DIMENSIONS AND/OR COORDINATES ARE TO BACK OF CURB, UNLESS OTHERWISE NOTED AS FF (FACE TO FACE). CENTERLINE OF BUILDING COLUMN LINE (INSIDE FACE OF PRECAST), EDGE OF PAVEMENT OR CENTER OF STRUCTURE OR SIGN. VERIFY BUILDING DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND PERFORM REQUIRED COMPACTION OPERATIONS.
4. PROVIDE ADEQUATE BARRICADES AT DRIVES, ENTRANCES, EXCAVATIONS AND OTHER OPENINGS TO KEEP OUT UNAUTHORIZED PERSONS AND FOR PUBLIC SAFETY AND TRAFFIC CONTROL. SAFETY PROVISIONS OF APPLICABLE LAWS SHALL BE OBSERVED AT ALL TIMES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
5. NO EQUIPMENT OR MATERIAL STORAGE IS PERMITTED IN THE RIGHT-OF-WAY.
6. WORK SHALL CONFORM TO THE REQUIREMENTS OF MEIJER STANDARD SPECIFICATIONS, GOVERNING AGENCIES HAVING JURISDICTION. GRADING, PAVING AND MATERIALS SHALL COMPLY WITH THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AS WELL AS PROJECT SPECIFICATIONS AND DRAWINGS. IN CASE OF DISCREPANCIES BETWEEN REQUIREMENTS, THE MORE STRINGENT SHALL APPLY.
7. EXTERIOR CONCRETE SLABS ADJACENT TO BUILDING SHALL BE PLACED ON 4" STRUCTURAL CUSHION, UNLESS NOTED OTHERWISE.
8. AGGREGATE TO EXTEND 12" BEYOND BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

SITE PLAN NOTES:

1. STORM DRAINAGE PATTERNS AND STORM WATER MANAGEMENT SHALL REMAIN AS EXISTING. THERE WILL BE NO INCREASE IN STORM WATER QUANTITY OR IMPERVIOUS AREA.
2. NO CHANGES ARE PROPOSED TO EXISTING PUBLIC UTILITIES. [REMOVE NOTE WHEN NOT APPLICABLE]
3. EXISTING BUILDING AND POLE-MOUNTED SITE LIGHTING FIXTURES SHALL REMAIN. ALL NEW LIGHT FIXTURES IN NEW CANOPIES (E.G. PHARMACY DRIVE-UP, BOTTLE RETURN, EMPLOYEE ENTRY) SHALL BE SHIELDED AS REQUIRED BY ZONING ORDINANCE LIGHTING REQUIREMENTS.
4. NEW SIGN CUBES WILL BE PROVIDED AT LIGHT POLES.

FIRE DEPARTMENT NOTES:

1. THE EXISTING BUILDING ADDRESS SHALL REMAIN UNCHANGED.
2. EXISTING FIRE LANES AND FIRE DEPARTMENT ACCESS ROAD WIDTHS SHALL REMAIN.
3. NEW FIRE LANE SIGNS WILL BE PROVIDED WHERE INDICATED ON THE DRAWINGS.

PARKING DATA:

REQUIRED:

COMMERCIAL / RETAIL CENTER (50,000 SFT- 450,000 SFT)	235,883 SFT
1 SPACE PER 300 SFT GRA	787 SPACES

PROPOSED:

MEIJER SPACES *	
REGULAR PARKING SPACES	611
SHARED REGULAR PARKING SPACES	102
BARRIER FREE SPACES	16
VAN ACCESSIBLE SPACES	8
TOTAL SPACES PROVIDED	737

* DOES NOT INCLUDE SPACES OCCUPIED BY CART CORRALS

PROPOSED LEGEND

SIGN
SIGN WITH BASE
BP BUMP POST
HYDRANT
WATER VALVE
LIGHT POLE
CART CORRAL
CONCRETE SIDEWALK
CONCRETE PAVEMENT
HEAVY DUTY ASPHALT
STANDARD CURB & GUTTER
FENCE
UNDERDRAIN

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PARADIGM DESIGN
ARCHITECTS | ENGINEERS

GRAND RAPIDS
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Grand Rapids, MI 49544
(616) 785-5656

TRAVERSE CITY
333 E. State Street
Traverse City, MI 49684
(231) 346-3030

www.paradigmae.com

BRIAN T. BINNOTT
MI - REGISTRATION #62101032169
EXP. DATE 10/31/2019

PROJECT

MEIJER
STORE 064

RESET &
REMODEL

PROJECT NO
CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

PROJECT

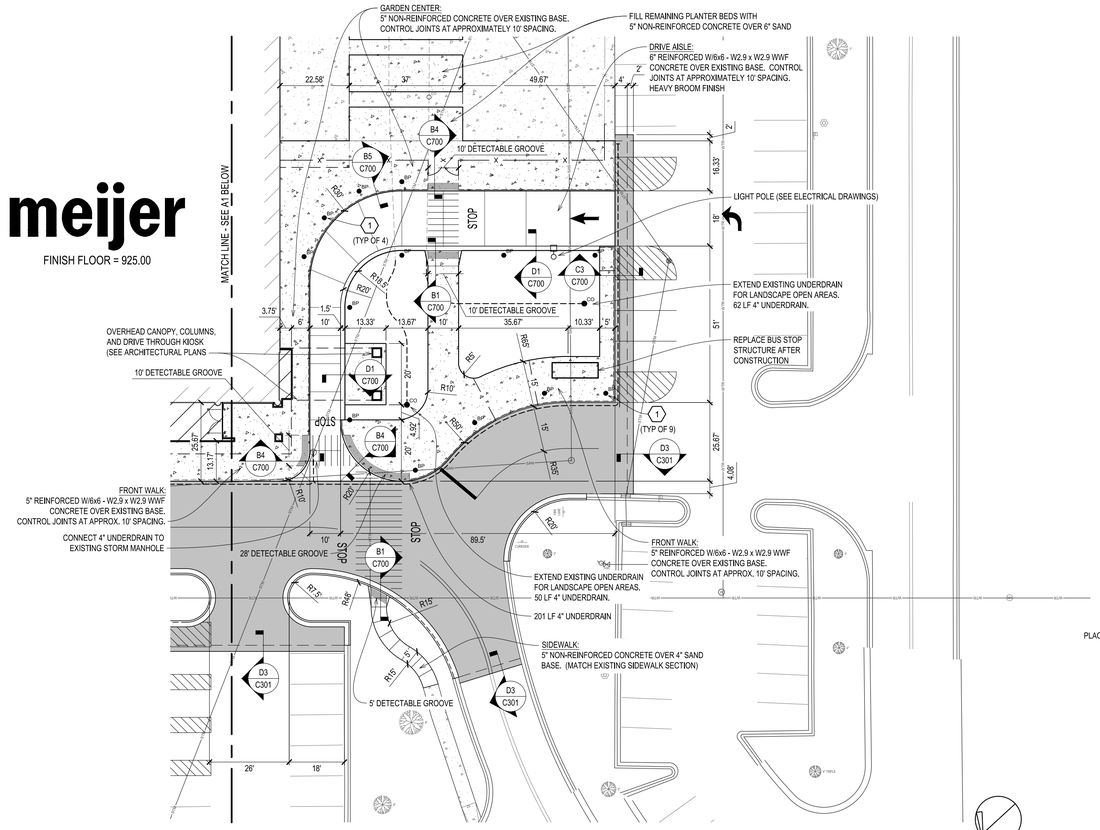
1805060

SHEET

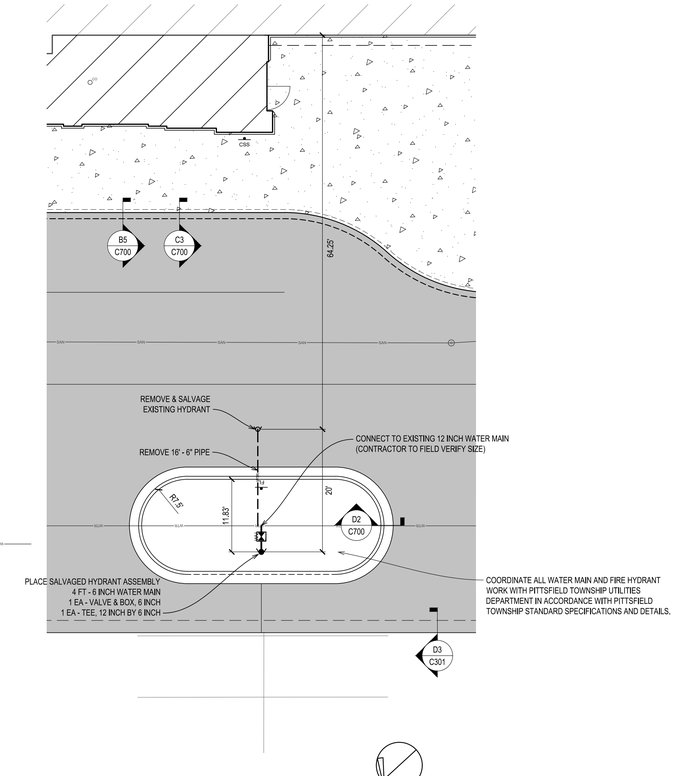
SITE LAYOUT PLAN

C200

Thursday, September 13,2018 at 10:32am O:\1805060 Meijer 064 Ann Arbor Rock\Drawings\Civil\064-C200.dwg jlp



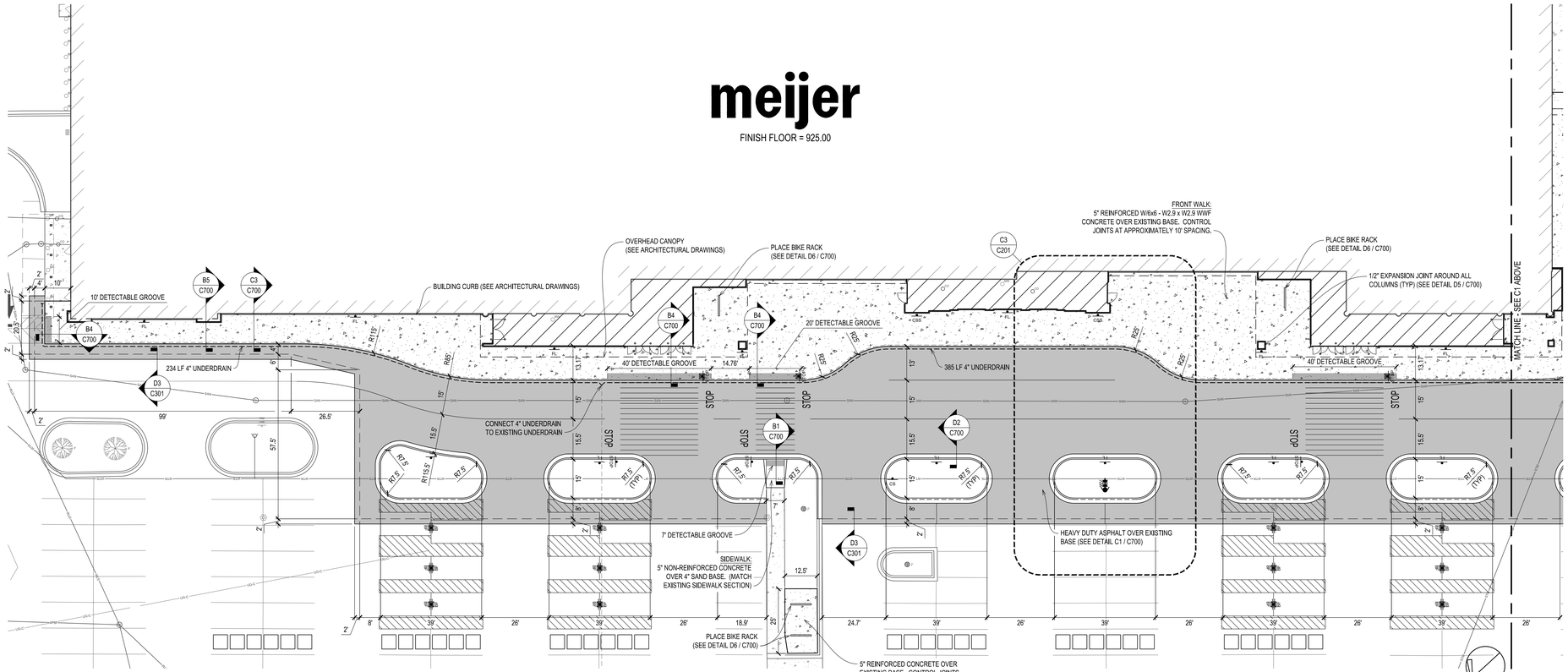
C1 PHARMACY DRIVE UP
SCALE: 1" = 20'



C3 HYDRANT RELOCATION
SCALE: 1" = 10'

SITE PLAN KEYNOTES:

1. DECORATIVE BOLLARD (C5 / C700)



A1 FRONT OF STORE
SCALE: 1" = 20'

SEE SHEET C500 FOR STRIPING AND SIGNAGE

PROPOSED LEGEND

SIGN
SIGN WITH BASE
BUMP POST
HYDRANT
WATER VALVE
LIGHT POLE
CART CORRAL
CONCRETE SIDEWALK
CONCRETE PAVEMENT
HEAVY DUTY ASPHALT
STANDARD CURB & GUTTER
FENCE
UNDERDRAIN

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CONSTRUCTION

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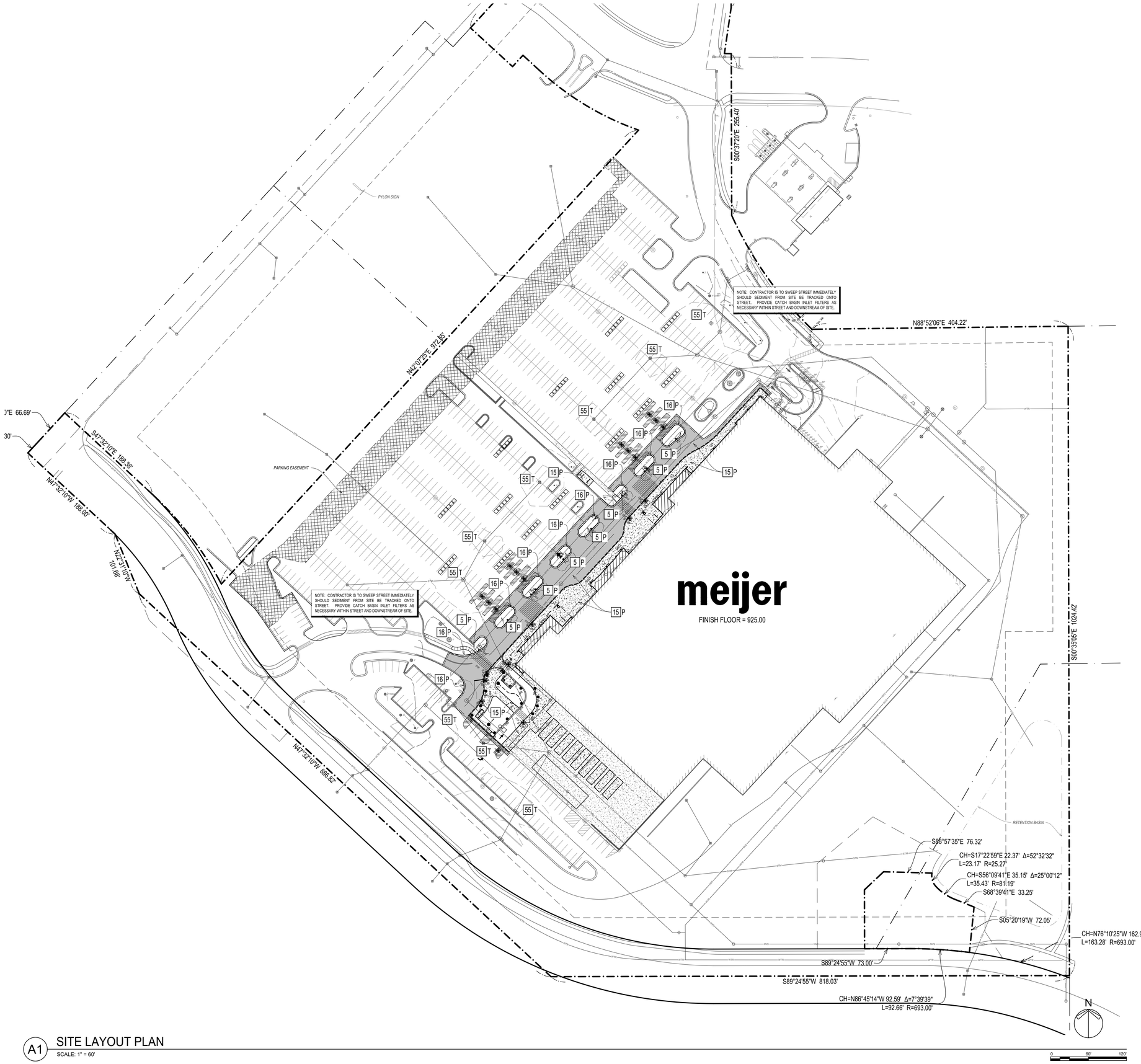
1805060

SHEET

SITE LAYOUT & UTILITY
PLAN

C201

Thursday, September-13-2018 at 10:32am D:\1805060 Meijer-064 Ann Arbor Reset\Drawings\Cad\064-C201.dwg jlo



A1 SITE LAYOUT PLAN

SCALE: 1" = 60'

GRADING NOTES:

1. CONTOURS SHOWN ARE FOR REFERENCE ONLY.
2. PROVIDE POSITIVE DRAINAGE AT ALL TIMES TO ENSURE NO STANDING WATER WITHIN PAVEMENT, BUILDING PAD, OR GREEN AREAS.
3. FOR ALL CURB ISLANDS, CENTER OF ISLANDS TO BE A MINIMUM OF 6" HIGHER THAN TOP OF CURB.
4. SEE "TYPICAL PAVEMENT AT MH AND CB" DETAIL B3 / C700 FOR SPECIAL GRADING REQUIREMENTS AROUND STRUCTURES.
5. RESTORE ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE DITCHES, AND OTHER PUBLIC OR PRIVATE STRUCTURES THAT ARE DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES TO MATCH AT A MINIMUM EXISTING CONDITIONS.
6. CONTRACTOR'S MANNER AND METHOD OF INGRESS AND EGRESS WITH RESPECT TO THE PROJECT AREAS SHALL IN NO WAY PROHIBIT OR DISTURB NORMAL PEDESTRIAN OR VEHICULAR TRAFFIC IN THE VICINITY AND IS SUBJECT TO REGULATION AND WRITTEN APPROVAL OF APPROPRIATE GOVERNING AGENCIES.
7. FINISHED SUBGRADE SURFACE SHALL NOT BE MORE THAN 0.1 FEET ABOVE OR BELOW ESTABLISHED FINISHED SUBGRADE ELEVATIONS AND ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS. FINISHED DITCHES SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION.

GENERAL SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

IT IS THE OWNER'S RESPONSIBILITY TO OBTAIN THE SOIL EROSION PERMIT FROM THE PROPER GOVERNING AUTHORITY.

A CONTRACTOR / INSPECTOR SHALL INSPECT THE SOIL EROSION/SEDIMENT CONTROL DEVICES ONCE EACH WEEK AND/OR WITHIN 24 HOURS OF A PRECIPITATION EVENT WHICH RESULTS IN A STORM DISCHARGE FROM THE SITE.

ALL DISTURBED NON-PAVEMENT AREAS MUST BE RESTORED WITH TOPSOIL, SEED, FERTILIZER, AND MULCH UNLESS SODDED. (SEE LANDSCAPING PLAN)

SEEDING SHOULD BE PREPARED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR / INSPECTOR SHALL INSPECT THE AREA AFTER SEEDING IS COMPLETED. AREAS THAT ARE BARE OR NOT MULCHED PROPERLY WILL NEED TO BE SPOT SEEDED AND/OR RE-MULCHED.

SILT FENCE SHOULD BE TRENCHED IN, BACKFILLED, AND STAPLED OR STAKED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS. MAINTENANCE INCLUDES THE REMOVING OF BUILT-UP SEDIMENT WHEN THE SEDIMENT ACCUMULATES TO 1/3 TO 1/2 THE HEIGHT OF THE FENCE. CONTRACTOR WILL HAVE TO REMOVE, REPLACE, RETRENCH, OR REBACKFILL THE FENCE IF IT FAILS. IT WOULD ALSO BE NECESSARY TO REINSTALL IF ANY PORTION OF THE FENCING WAS DAMAGED BY CONSTRUCTION MACHINERY.

INLET FILTERS SHALL BE SILT SACKS, DANDY BAGS, OR APPROVED EQUAL. INLET FILTERS SHOULD BE INSPECTED FOR BUILDUP OF SILT AND OTHER DEBRIS. THIS IS EVIDENT IF STRUCTURE IS CAUSING FLOODING. MAINTENANCE WOULD CONSIST OF REMOVING OF SEDIMENTS OR REPLACING FILTER AS NECESSARY.

SOIL EROSION CONTROL METHODS SHOWN ARE A GUIDELINE AND DO NOT RELIEVE THE CONTRACTOR FROM ADDITIONAL METHODS THAT MAY BE REQUIRED BY THE SOIL EROSION CONTROL PERMIT.

THE CONTRACTOR WILL ENGAGE A CERTIFIED STORM WATER OPERATOR IN ACCORDANCE WITH EPA PHASE II RULES TO MEET REQUIREMENTS OF THE PERMIT. THIS OPERATOR WILL INSPECT THE JOB SITE AS REQUIRED BY RULE, NOTIFY JOB SITE SUPERINTENDENT OF ANY DEFICIENCIES, AND ENTER FINDINGS IN THE JOB SITE INSPECTION JOB BOOK.

TOTAL DISTURBED AREA = 1.49 ACRES

UNIFIED KEYING SYSTEM
SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

5	SEEDING	16	CURB & GUTTER
15	PAVING	55	GEOTEXTILE INLET FILTER

CONSTRUCTION SEQUENCE	YEAR: 2018											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
STRIPPING & STOCKPILING TOPSOIL												
ROUGH GRADING SEDIMENT CONTROL												
TEMPORARY CONTROL MEASURES												
STORM UTILITIES												
TEMPORARY CONSTRUCTION ROADS												
PERMANENT CONTROL MEASURES												
FOUNDATION / BUILDING CONSTRUCTION												
SITE CONSTRUCTION												
FINISH GRADING												
LANDSCAPING												

GENERAL CONTRACTOR SHALL COMPLETE CONSTRUCTION SEQUENCE SCHEDULE WHEN MAKING APPLICATION FOR SOIL EROSION CONTROL PERMIT.

PROPOSED LEGEND

SIGN
SIGN WITH BASE
BUMP POST
HYDRANT
WATER VALVE
LIGHT POLE
CART CORRAL
CONCRETE SIDEWALK
CONCRETE PAVEMENT
HEAVY DUTY ASPHALT
STANDARD CURB & GUTTER
680 CONTOUR LINE
X X FENCE
UNDERDRAIN
X T TEMPORARY SOIL EROSION & SEDIMENTATION CONTROL MEASURE
X P PERMANENT SOIL EROSION & SEDIMENTATION CONTROL MEASURE

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RESET &
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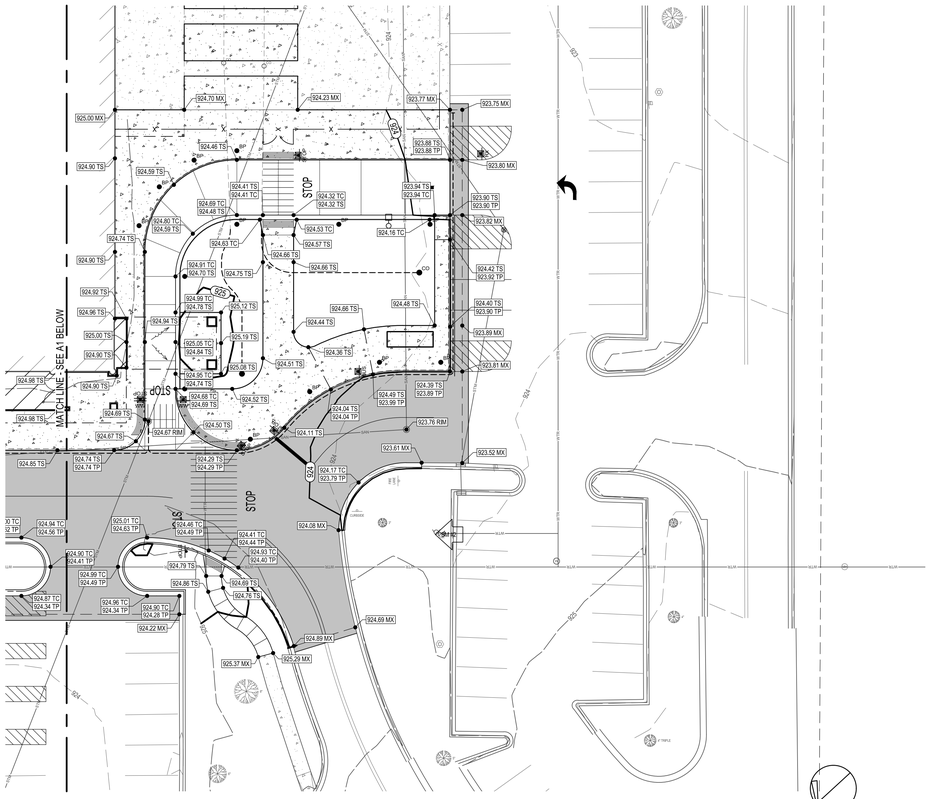
1805060

SHEET

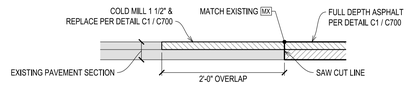
SWPP PLAN

C300

Thursday, September-13-2018 at 10:32am O:\1805060 Meijer 064 Ann Arbor Reset\Drawings\Civil\064-C300.dwg JP



C1 PHARMACY DRIVE UP
SCALE: 1" = 20'



D3 PAVEMENT REMOVAL / REPLACEMENT DETAIL
NOT TO SCALE

GRADING NOTES:

1. ALL SPOT ELEVATIONS ARE TO:
   - TOP OF PAVEMENT - (TP)
   - TOP OF SLAB - (TS)
   - TOP OF CURB - (TC)
   - TOP OF WALL - (TW)
   - GUTTER PAN - (GP)
   - STRUCTURE RIM - (RIM)
   - MATCH EXISTING - (MX)

   UNLESS NOTED OTHERWISE.
2. CONTOURS SHOWN ARE FOR REFERENCE ONLY.
3. PROVIDE POSITIVE DRAINAGE AT ALL TIMES TO ENSURE NO STANDING WATER WITHIN PAVEMENT, BUILDING PAD, OR GREEN AREAS.
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5. SEE "TYPICAL PAVEMENT AT MH AND CB" DETAIL B3 / C700 FOR SPECIAL GRADING REQUIREMENTS AROUND STRUCTURES.
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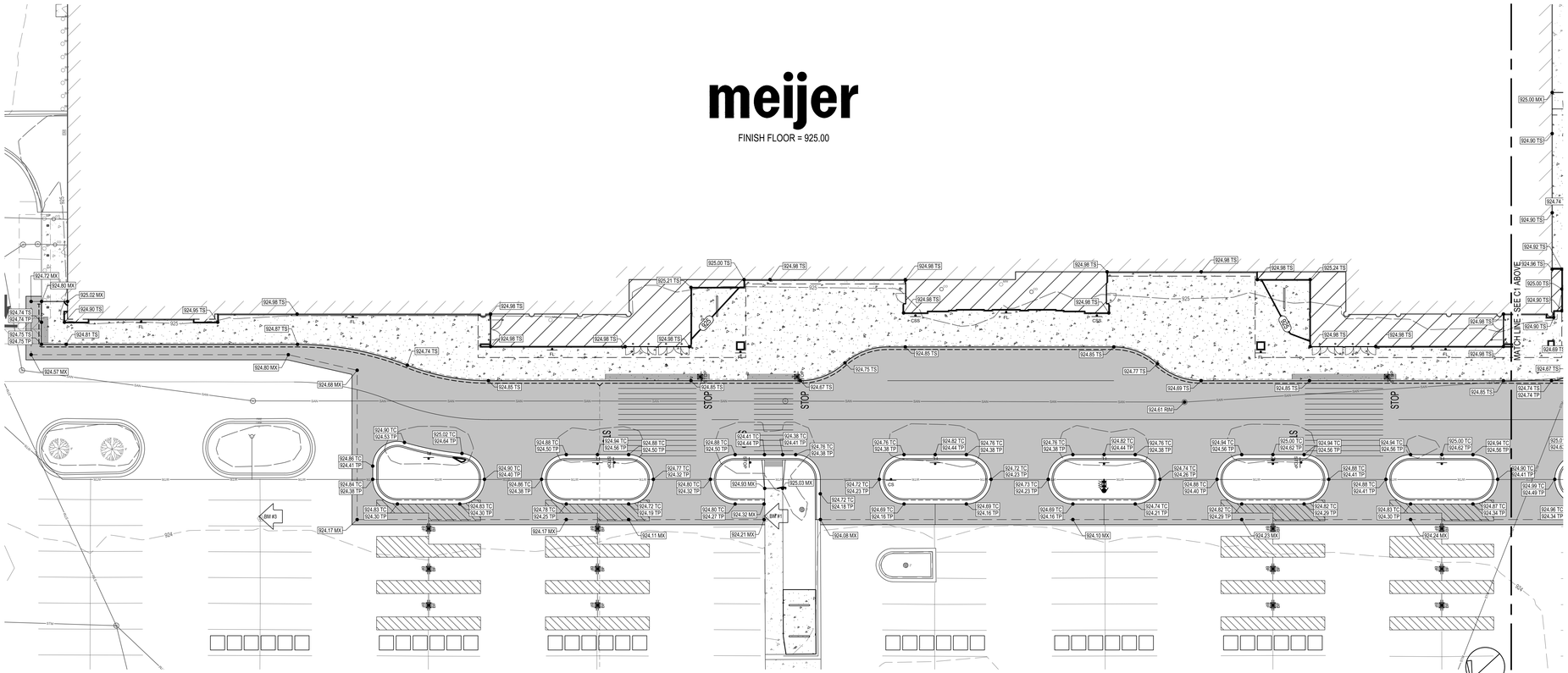

A1 FRONT OF STORE
SCALE: 1" = 20'

PROPOSED LEGEND

SIGN	SIGN WITH BASE	BP	BUMP POST
HYDRANT	WATER VALVE		LIGHT POLE
			CART CORRAL
			CONCRETE SIDEWALK
			CONCRETE PAVEMENT
			HEAVY DUTY ASPHALT
			STANDARD CURB & GUTTER
		680	CONTOUR LINE
			GRADE BREAK
		X	FENCE
			UNDERDRAIN
		675.00 FG	PROPOSED SPOT GRADE

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MEIJER
STORE 064

RESET &
REMODEL

PROJECT NO
CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

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PROJECT

1805060

SHEET

GRADING PLAN

C301

Thursday, September-13-2018 at 10:33am D:\1805060 Meijer-064 Ann Arbor Reset\Drawings\Civil\064-C301.dwg jlo

RECTANGLE AREA = 74.2 SQ. FT.

RECTANGLE AREA = 69.4 SQ. FT.

5" DEEP INTERNALLY ILLUMINATED WITH WHITE LED'S. SIDES OF LETTERS PAINTED WHITE.

E1 FRESH / HOME SIGNS
NOT TO SCALE

SURFACE APPLIED WHITE WINDOW VINYL.

6.8 SQ. FT. EACH

ACTUAL GEOMETRY OF LICENSEE SIGN TO MATCH RETAILERS CORPORATE LOGO, INTERNALLY ILLUMINATED

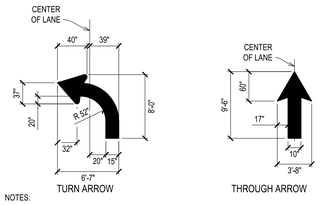
20.0 SQ. FT. EACH

E2 WELCOME SIGN
NOT TO SCALE

NON -ILLUMINATED 1" DEEP EXTERIOR QUALITY FOAM LETTERS. 63.0 SQ. FT.

NON -ILLUMINATED 1" DEEP EXTERIOR QUALITY FOAM LETTERS. 10.0 SQ. FT.

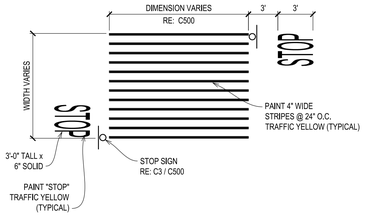
E3 PHARMACY & BOTTLE RETURN SIGN
NOT TO SCALE



NOTES:

1. MARKINGS SHALL BE WHITE WITH REFLECTIVE SURFACES.
2. PAINT MATERIALS PER SPECIFICATIONS EXCEPT FOR WITHIN RIGHT-OF-WAY, MARKINGS WITHIN HIGHWAY RIGHT-OF-WAY SHALL BE PER LOCAL CRITERIA.

E4 PAVEMENT MARKINGS
NOT TO SCALE



NOTE:
SEE SPECIFICATIONS FOR SLIP RESISTANT ADDITIVE TO PAINT FOR CROSSWALKS.

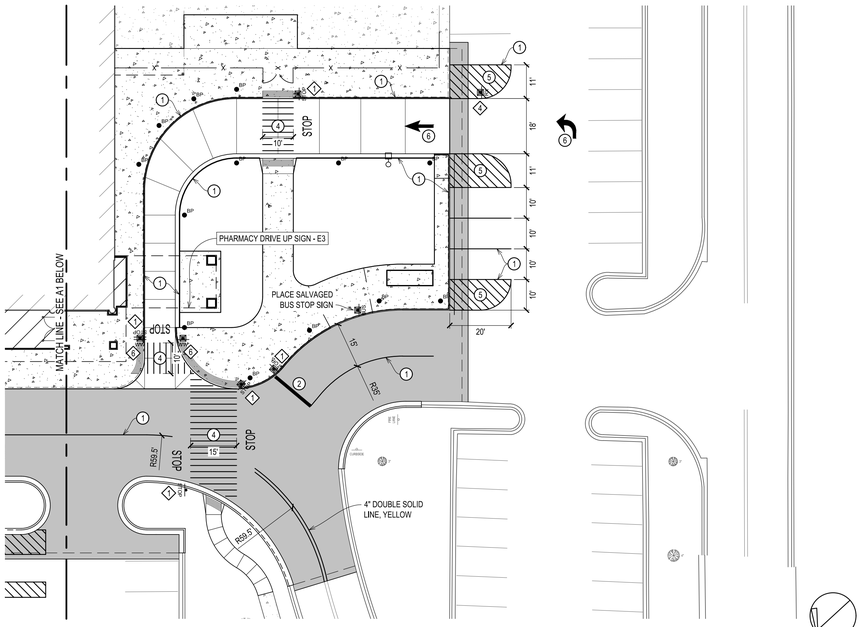
E5 CROSSWALK STRIPING
NOT TO SCALE

PAVEMENT STRIPING NOTES:

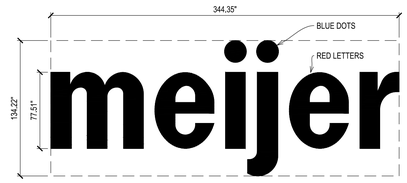
1. ALL DIMENSIONS MEASURED FROM FACE OF BUILDING.
2. ALL PAVEMENT MARKING SHALL BE YELLOW IN COLOR UNLESS NOTED OTHERWISE.
3. CROSSWALK STRIPING TO BE CENTERED ON THE BUILDING AND GARDEN CENTER ENTRANCES.

BUILDING AND SITE SIGNAGE NOTES:

1. STOP SIGNS AND FIRE LANE SIGNS ALONG FRONT OF THE STORE TO BE ON MOVABLE CONCRETE BASES.
2. INSTALL CART CORRALS PROVIDED BY OWNER.



C1 PHARMACY DRIVE UP
SCALE: 1" = 20'



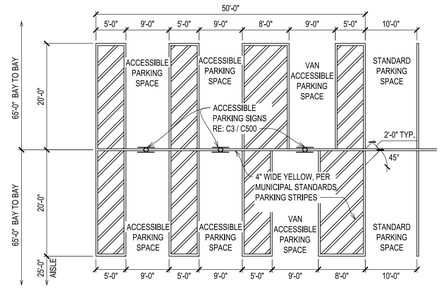
INTERNALLY ILLUMINATED "MEIJER" CHANNEL LETTERS TO MATCH CORPORATE LOGO & COLORS.

SIDES OF LETTERS & RETAINERS TO BE PAINTED TO MATCH RESPECTIVE FACE COLORS.

SIGN CODE: 6'-4" LOGO - WL203

RECTANGLE AREA = 321.0 SQ. FT.

D3 MEIJER LOGO SIGN
NOT TO SCALE



D4 ACCESSIBLE PARKING SPACES
NOT TO SCALE

PROPOSED BUILDING SIGNAGE			
SIGN		QTY	AREA (SFT)
MEIJER LOGO	(NEW)	1	321.0
PHARMACY DRIVE UP	(NEW)	1	63.0
FRESH	(NEW)	1	74.2
HOME	(NEW)	1	69.4
WELCOME (6.8 SFT EA)	(NEW)	2	13.6
LICENSEE (20.0 SFT EA)	(NEW)	4	80.0
BOTTLE RETURN (10.0 SFT EA)	(NEW)	2	20.0
		TOTAL AREA:	661.2 SFT

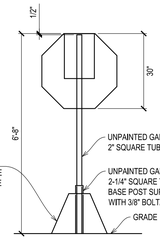
ALL SIGN MATERIAL:
ALLSTATE SIGN AND PLAQUE CORP.,
70 BURT DRIVE DEER PARK, N.Y. 11729,
1-800-645-6330, OR APPROVED EQUAL

STOP SIGNS:
NO. 5-NYR2 REFLECTIVE 30", .080" ALUMINUM WITH SCOTCHLITE, OR APPROVED EQUAL

NO PARKING - FIRE LANE SIGNS:
NO. W-GR-53, 12" X 18" SERIES 100, NON-REFLECTIVE, OR APPROVED EQUAL

INSTALLATION IN PAVED AREAS:
POSTS ARE TO BE LOCATED AS SHOWN ON SIGNAGE PLAN AND SET IN PRECAST REINFORCED CONCRETE SIGN POST BASE AS MANUFACTURED BY BUSH CONCRETE PRODUCTS, MUSKEGON, MI., OR APPROVED EQUAL. MOUNT SIGN TO POST PER MANUFACTURER'S RECOMMENDATIONS.

NOTE: SIGN, POLE AND BASE FURNISHED AND INSTALLED BY CONTRACTOR.



THIS DETAIL IS FOR ALL SITE REGULATORY SIGNAGE (I.E. STOP SIGNS, ACCESSIBLE SIGNS, FIRE LANE SIGNS, ETC.)

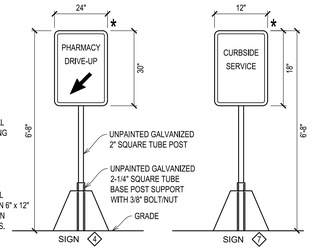
ACCESSIBLE PARKING SIGNS:
NO. 5-HA7-8, REFLECTIVE 0.080: ALUMINUM WITH SCOTCHLITE, OR APPROVED EQUAL.

SUPPLEMENTAL VAN ACCESSIBLE SIGNS:
NO. 5-PR127, REFLECTIVE 0.080: ALUMINUM WITH SCOTCHLITE, OR APPROVED EQUAL.

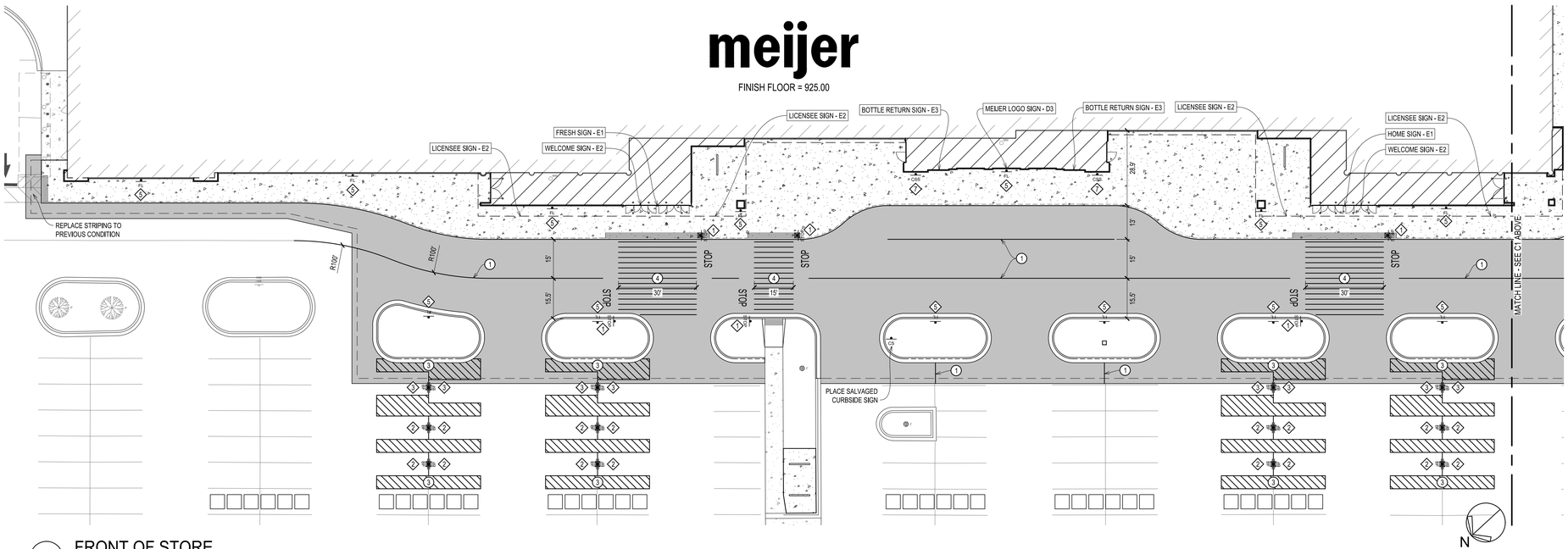
SIGN: STATE MANUAL ACCESSIBLE PARKING SIGN 12" x 18"

SIGN: STATE MANUAL SUPPLEMENTAL SIGN 6" x 12" INSTALL ONLY AT VAN ACCESSIBLE SPACES.

* ALL SPECIAL SIGNS TO BE WHITE BACKGROUND WITH BLACK LETTERING AND BORDER.



C3 TRAFFIC CONTROL SIGNAGE
NOT TO SCALE



A1 FRONT OF STORE
SCALE: 1" = 20'

SIGNAGE KEYNOTES:

1. STOP SIGN (C3 / C500)
2. ACCESSIBLE SIGN (C3 / C500)
3. VAN ACCESSIBLE SIGN (C3 / C500)
4. PHARMACY DRIVE-UP SIGN (C3 / C500)
   - ARROW IN DIRECTION OF PHARMACY
5. NO PARKING - FIRE LANE SIGN (C3 / C500)
6. WRONG WAY SIGN (C3 / C500)
7. CURBSIDE SERVICE SIGN (C3 / C500)

STRIPING KEYNOTES:

1. 4" SINGLE SOLID LINE, YELLOW
2. 12" STOP LINE, WHITE
3. ACCESSIBLE PARKING SPACES (D4 / C500)
4. CROSSWALK (E5 / C500)
5. NO PARKING AREAS
   - 4" YELLOW STRIPE AT 2' O.C. AT 45° TO PARKING SPACE
6. LANE ARROWS, WHITE (E4 / C500)

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OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

PROJECT

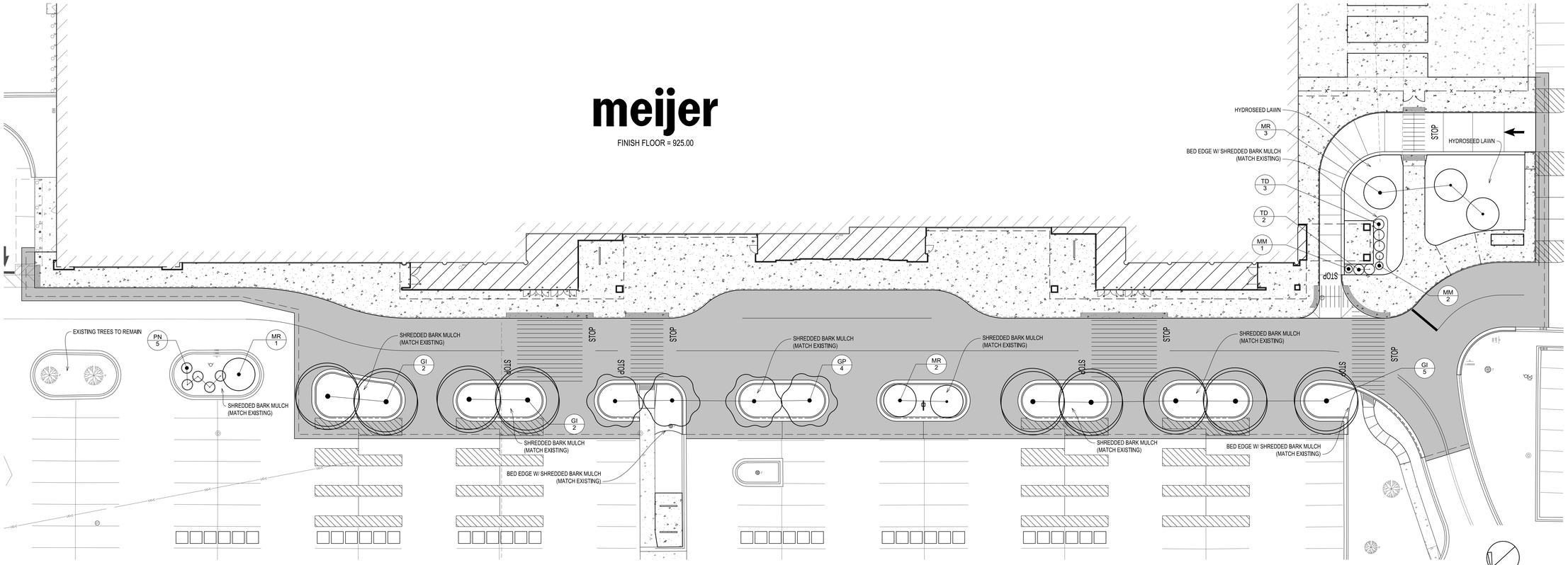
1805060

SHEET

STRIPING & SIGNAGE PLAN

C500

Thursday, September-13-2018 at 10:33am O:\1805060 Meijer 064 Ann Arbor Reno\Drawings\Cad\064-C500.dwg JK



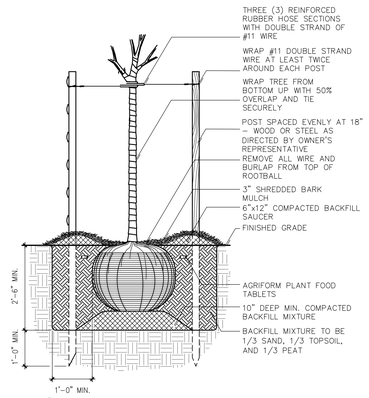
C1 LANDSCAPE PLAN

SCALE: 1" = 20'

0 10' 20' 40'

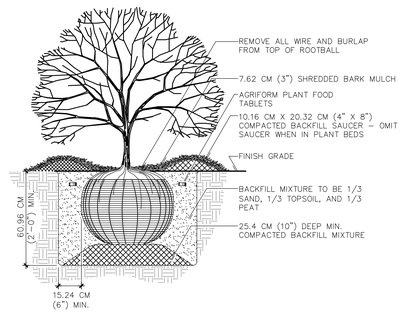
PLANTING NOTES:

1. ALL LANDSCAPING SHALL BE INSTALLED BY A QUALIFIED LANDSCAPE CONTRACTOR TO THE SPECIFIED ON THE LANDSCAPE PLAN. SMALLER SIZES WILL BE REJECTED.
2. ALL PLANTINGS SHALL BE MULCHED WITH 3" SHREDDED PREMIUM HARDWOOD BARK MULCH. TREES IN LAWN AREAS SHALL RECEIVE A 6' DIAMETER BARK RING 3" DEEP.
3. THE LANDSCAPE CONCTRACTOR SHALL REMOVE ANY TWINE THAT IS WRAPPED AROUND THE TRUNK OF A TREE OR SHRUB AS WELL AS THE TOP THIRD OF ANY BURLAP. REMOVE EXCESS SOIL ON THE TOP OF THE ROOT BALL TO EXPOSE THE ROOT FLARE OR FIRST LAYER OF ROOTS PRIOR TO PLANTING. USE A CIRE CUTTER TO MAKE 3-5 CUTS IN THE WIRE BASKET TO ALLOW ROOTS TO GROW THROUGH.
4. PLANTING AREAS SHALL BE EDGED WITH A MECHANICAL BED EDGER AT A DEPTH OF 4" TO DEFINE BORDER FOR SHREDDED BARK MULCH.
5. PARKING ISLAND SHALL BE BACK FILLED WITH TOPSOIL. AMEND THE TOPSOIL WITH COMPOSTED MANURE AND MIX INTO THE TOPSOIL AT A DEPTH OF 6-12". ANY AGGREGATE OR STONE FROM THE CONSTRUCTION OF THE PARKING LOT SHALL BE REMOVED PRIOR TO BACKFILL.
6. MAINTENANCE OF THE LANDSCAPE SHALL BE PROVIDED FOR BY THE OWNER AND INCLUDE FERTILIZING OF LAWN AND PLANT MATERIAL, YEARLY PRUNING, TOP DRESSING OF MULCH AREAS EVERY OTHER YEAR AND PROVIDE 1" OF WATER PER WEEK DURING THE GROWING SEASON.
7. PLANT MATERIALS SHALL BE CHOSEN AND INSTALLED IN ACCORDANCE WITH STANDARDS RECOMMENDED BY THE COUNTY COOPERATIVE EXTENSION SERVICE OR AMERICAN NURSERY ASSOCIATION.
8. ALL LANDSCAPE AREAS SHALL BE IRRIGATED WITH UNDERGROUND AUTOMATIC IRRIGATION SYSTEM. TREES AND SHRUBS WILL BE IRRIGATED BY A SEPARATE ZONE FROM SOD/GRASS; THIS INCLUDES TREES PLANTED IN SOD/GRASS AREA. THE IRRIGATION SYSTEM IS TO HAVE A RAIN SENSOR SHUTOFF INSTALLED.
9. SEED SHALL BE PLACED OVER 4" TOPSOIL IN ALL PROPOSED NOTED SEED AREAS AND ALL AREAS DISTURBED BY CONSTRUCTION. SEE MIXES SHALL BE AS FOLLOWS.
   SEED A
   10% TALL FESCUE
   20% PERENNIAL RYE GRASS
   30% CREEPING RED FESCUE
   40% KENTUCKY BLUEGRASS
   AT 6 LBS. PER 1000 S.F.



1 TREE PLANTING

1/2" = 1'-0"



2 SHRUB PLANTING

1" = 1'-0"

PLANT SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY
	Ginkgo biloba `Princeton Sentry`	Princeton Sentry Ginkgo	2.5" Cal.	B&B	4
	Gleditsia triacanthos inermis `Sunburst`	Sunburst Common Honeylocust	2.5" Cal.	B&B	9
	Malus x `Royal Raindrops`	Royal Raindrops Crabapple	2" Cal.	B&B	6
SHRUBS	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	**CONTAINER**	**QTY**
	Physocarpus opulifolius	Ninebark	3 gal.	Pot	5
	Taxus x media `Densiformis`	Dense Yew	3 gal.	Pot	5
GRASSES	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	**CONTAINER**	**QTY**
	Miscanthus sinensis `Morning Light`	Eulalia Grass	2 gal.	Pot	3

PARADIGM DESIGN
ARCHITECTS | ENGINEERS

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CHRISTOPHER L. MARKHAM
MI - REGISTRATION #3901001466
EXP. DATE 07/31/2020

PROJECT

MEIJER
STORE 064

RESET &
REMODEL

PROJECT NO
CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

PROJECT

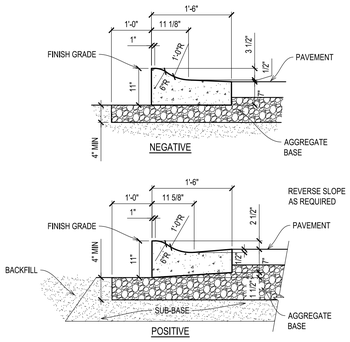
1805060

SHEET

LANDSCAPE PLAN

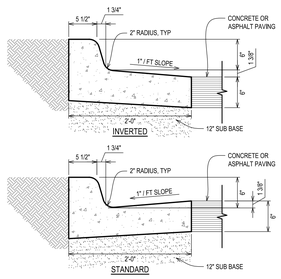
C600

Monday, September 17, 2018 at 9:10am O:\1805060 Meijer 064 Ann Arbor Rock\Drawings\Civil\064-C600.dwg jlp

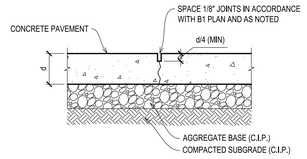


* FOR USE WITHIN THE MEIJER PROPERTY LIMITS.

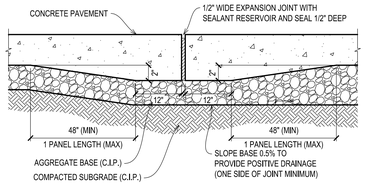
D1 MOUNTABLE CURB & GUTTER
NOT TO SCALE



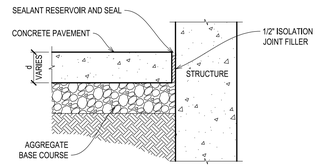
D2 STANDARD CURB & GUTTER
NOT TO SCALE



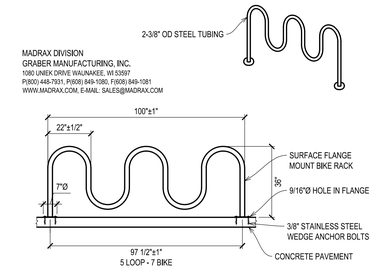
D3 CONTRACTION JOINT
NOT TO SCALE



D4 EXPANSION JOINT
NOT TO SCALE



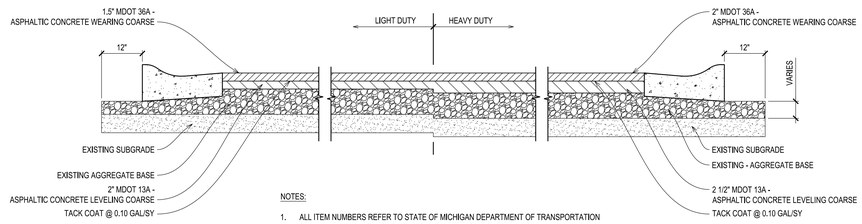
D5 CONCRETE PAVEMENT EDGE
NOT TO SCALE



MADRAX BIKE RACK
PRODUCT: CHP-7-IG(SF)
DESCRIPTION: CHALLENGER PLUS BIKE RACK 7 BIKE, SURFACE MOUNT

NOTES:
1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. CONSULTANT TO SELECT COLOR(FINISH), SEE MANUFACTURER'S SPECIFICATIONS.
3. SEE SITE PLAN FOR LOCATION OR CONSULT OWNER.

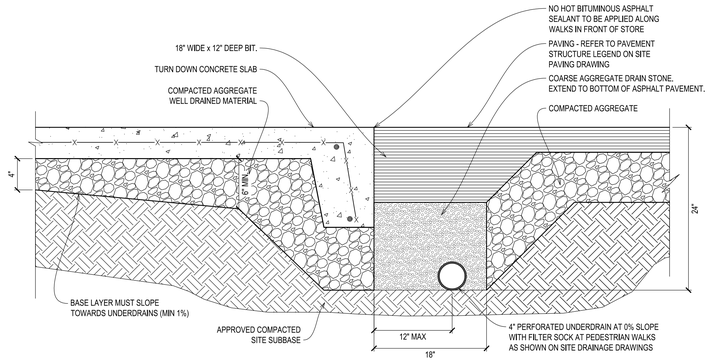
D6 BIKE RACK DETAIL
NOT TO SCALE



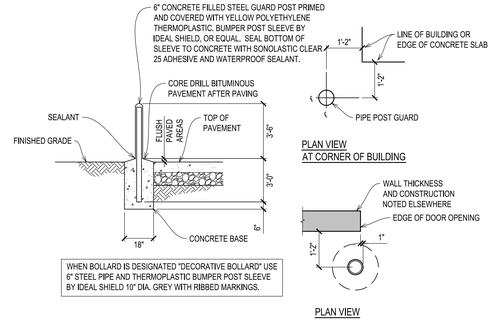
NOTES:

1. ALL ITEM NUMBERS REFER TO STATE OF MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THE SURFACE FOR BOTH TYPES CAN BE COMPLETED AT THE SAME TIME. ALL PAVEMENT JOINTS SHOULD BE SQUARE WITHOUT FEATHERING.
3. SEE SPECIFICATIONS FOR MODIFICATIONS TO STANDARD BITUMINOUS D.O.T. MIXES.
4. IF WEDGING IS REQUIRED, REDUCE LEVELING COURSE THICKNESS TO 1 1/2" AND ADD 1 1/2" MINIMUM BASE COURSE.

C1 LIGHT WEIGHT / HEAVY DUTY PAVEMENT SECTION
NOT TO SCALE

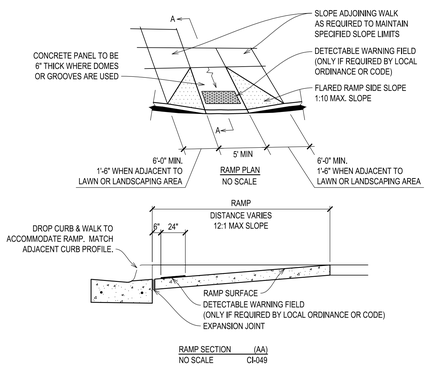


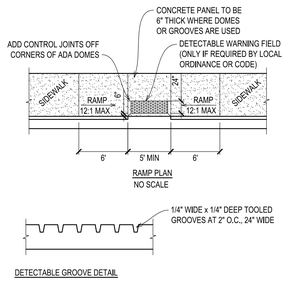
C3 UNDERDRAIN AT CONCRETE SLAB
NOT TO SCALE



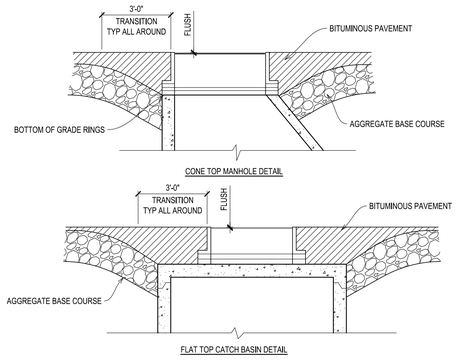
WHEN BOLLARD IS DESIGNATED "DECORATIVE BOLLARD" USE 6" STEEL PIPE AND THERMOPLASTIC BUMPER POST SLEEVE BY IDEAL SHIELD 10" DIA. GREY WITH RIBBED MARKINGS.

C5 GUARD POST DETAIL
NOT TO SCALE

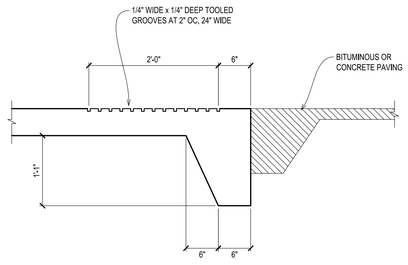




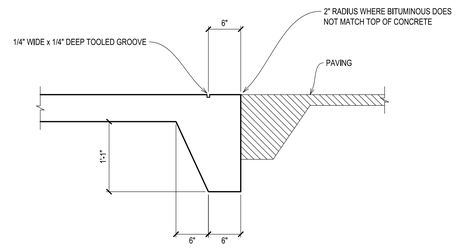
B1 SIDEWALK RAMP DETAILS
NOT TO SCALE



B3 TYPICAL PAVEMENT AT MH AND CB
NOT TO SCALE



B4 SECTION
NOT TO SCALE



B5 SECTION
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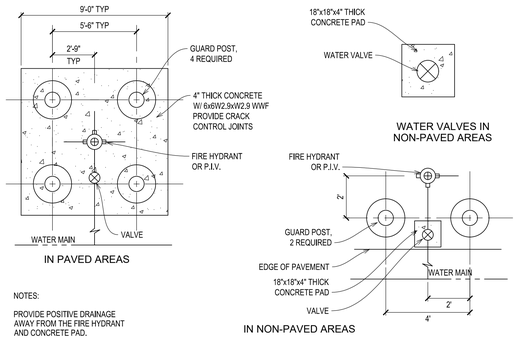
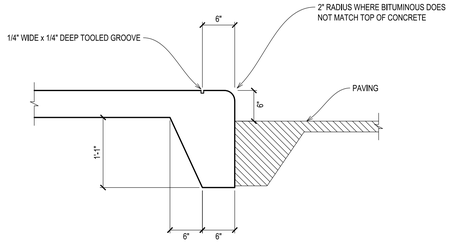


NOTES:

PROVIDE POSITIVE DRAINAGE AWAY FROM THE FIRE HYDRANT AND CONCRETE PAD.

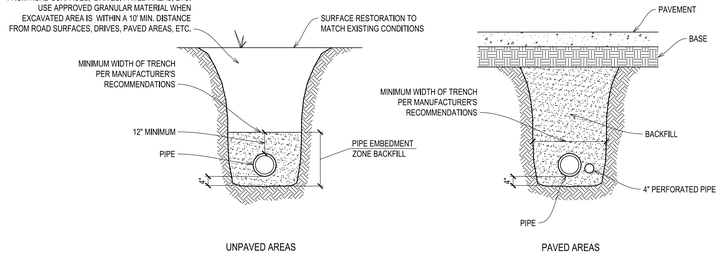
GUARD POSTS NOT REQUIRED WHERE FH IS BEHIND CURB. FIRE HYDRANTS LOCATED IN LOADING DOCK AREAS WILL REQUIRE 2 GUARD POSTS REGARDLESS IF THERE IS CURB.

A1 FIRE HYDRANT AND WATER VALVE LAYOUT
NOT TO SCALE



A2 SECTION
NOT TO SCALE

MAXIMUM TRENCH WIDTH	
PIPE SIZE	TRENCH WIDTH
6" - 12"	30"
15" - 30"	O.D. +16"
36" - 60"	O.D. +24"



A5 UTILITY TRENCH
NOT TO SCALE

PARADIGM DESIGN
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BRIAN T. BINNOTT
MI - REGISTRATION #6201053169
EXP. DATE 10/31/2019

PROJECT

MEIJER STORE 064

RESET & REMODEL

PROJECT NO CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

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CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

RELEASE DATE

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	9-17-18	FINAL REVIEW

PROJECT

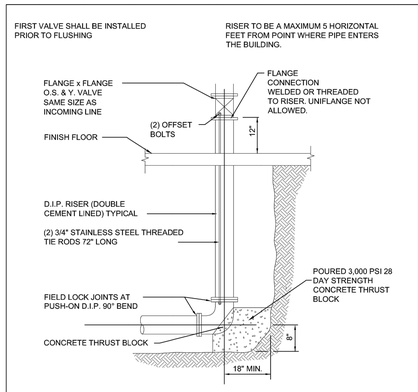
1805060

SHEET

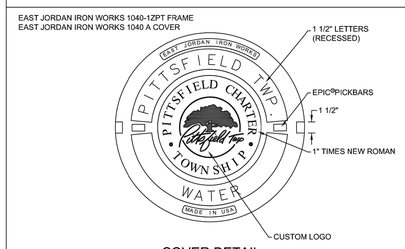
DETAILS

C700

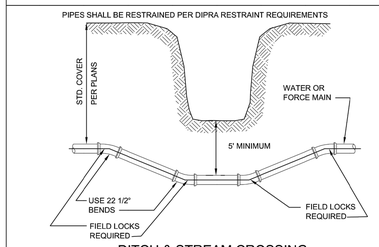
Thursday, September 13 2018 at 10:33am O:\1805060 Meijer 064 Ann Arbor Radio\Drawings\Civil\064-C700.dwg jlo



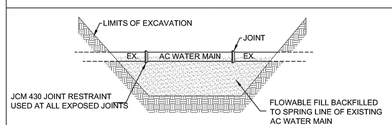
FIRE PROTECTION RISER DETAIL



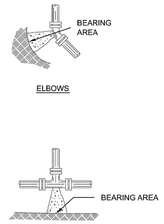
COVER DETAIL



DITCH & STREAM CROSSING



ASBESTOS CEMENT (AC) WATER MAIN



ELBOWS				
PIPE DIA. INCHES	BEARING AREA SQUARE FEET			
	90°	45°	22 1/2°	11 1/4°
4	2.1	1.1	0.6	0.3
6	4.1	2.2	1.1	0.6
8	6.8	3.7	1.9	0.9
10	10.1	5.5	2.8	1.4
12	14.1	7.6	3.9	2.0
16	24.2	13.0	6.7	3.3
18	30.0	16.3	8.3	4.2
20	36.8	19.9	10.1	5.1

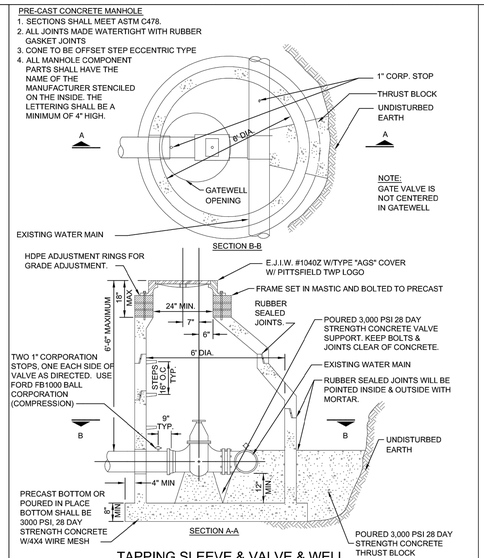
TEES, CROSSES & HYDRANTS	
PIPE DIA. INCHES	BEARING AREA SQUARE FEET
4	1.5
6	2.9
8	4.8
10	7.1
12	10.0
16	17.1
18	21.0
20	26.0

NOTES:
1. CONCRETE FOR ALL THRUST BLOCKS SHALL BE 3000 PSI, 28 DAY STRENGTH MIN.
2. ALL THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED EARTH
3. BOLTS, FITTINGS & JOINTS SHALL BE KEPT CLEAR OF CONCRETE
4. A BEARING CAPACITY OF 2000# PER FOOT WAS USED IN DETERMINING THE MINIMUM "BEARING AREAS" IN THE ABOVE TABLE
5. THE CROSS SECTION OF THE THRUST BLOCKS SHALL BE SQUARE
6. IN ADDITION TO THRUST BLOCKS, ALL PIPE JOINTS SHALL BE RESTRAINED WITH LOCKING GASKETS PER DIPRA'S STANDARDS.

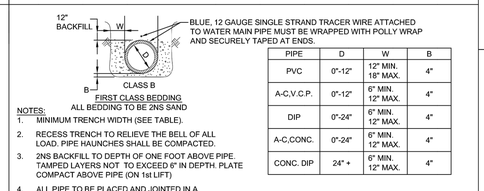
SOIL CHARACTERISTICS	FACTOR
(A) LOOSE COARSE OR MEDIUM SAND; COMPACT FINE SAND; COMPACT SAND-CLAY SOILS; STIFF CLAY	0.33
(B) FIRM FINE SAND; COMPACT INORGANIC SILT; FIRM SAND-CLAY SOILS; MEDIUM CLAY	0.50
(C) LOOSE FINE SAND; FIRM INORGANIC SILT	0.67
(D) LOOSE SAND-CLAY SOILS; LOOSE INORGANIC SILT SOFT CLAY	1.00

"BEARING AREA" x FACTOR = ACTUAL BEARING AREA
2.1 x .5 = 1.05 SQ. FT.
BASED UPON 150# TEST PRESSURE

THRUST BLOCK



TAPPING SLEEVE & VALVE & WELL

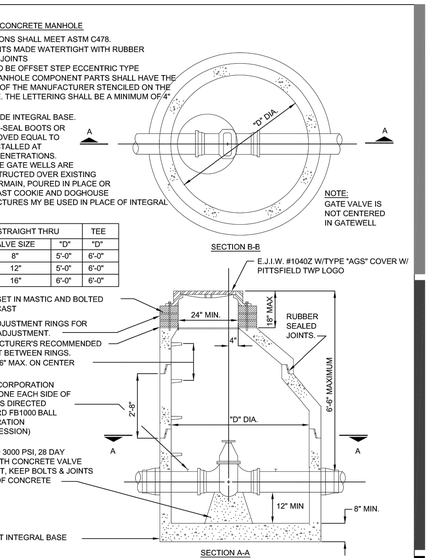


ALL BEDDING TO BE 2NS SAND

NOTES:
1. MINIMUM TRENCH WIDTH (SEE TABLE).
2. RECESS TRENCH TO RELIEVE THE BELL OF ALL LOAD. PIPE HAUNCHES SHALL BE COMPACTED.
3. 2NS BACKFILL TO DEPTH OF ONE FOOT ABOVE PIPE. TAMPED LAYERS NOT TO EXCEED 6" IN DEPTH. PLATE COMPACT ABOVE PIPE (ON 1st LIFT)
4. ALL PIPE TO BE PLACED AND JOINTED IN A DRY TRENCH AND LAID ACCURATELY TO LINE AND GRADE WITH BELLS UPHILL.
5. ALL CONCRETE ENCASEMENT AND CRADLING TO BE CLASS "A" CONCRETE.

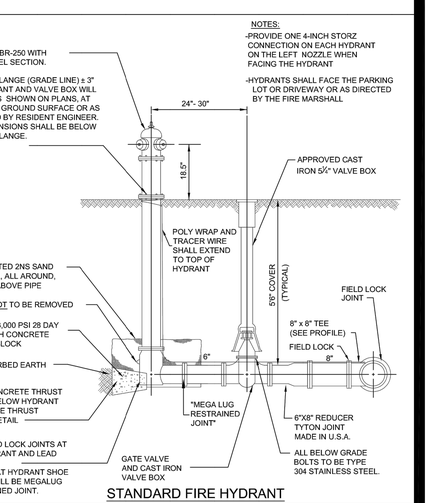
PIPE	D	W	B
PVC	0"-12"	12" MIN. 18" MAX.	4"
A-C,V.C.P.	0"-12"	6" MIN. 12" MAX.	4"
DIP	0"-24"	6" MIN. 12" MAX.	4"
A-C,CONC.	0"-24"	6" MIN. 12" MAX.	4"
CONC. DIP	24" +	6" MIN. 12" MAX.	4"

BEDDING

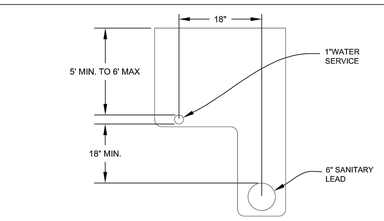


STRAIGHT THRU		TEE
VALVE SIZE	"D"	"D"
8"	5'-0"	6'-0"
12"	5'-0"	6'-0"
16"	6'-0"	6'-0"

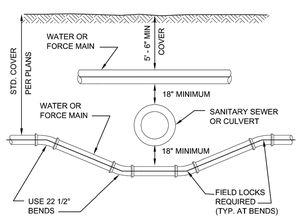
STANDARD GATE VALVE & WELL



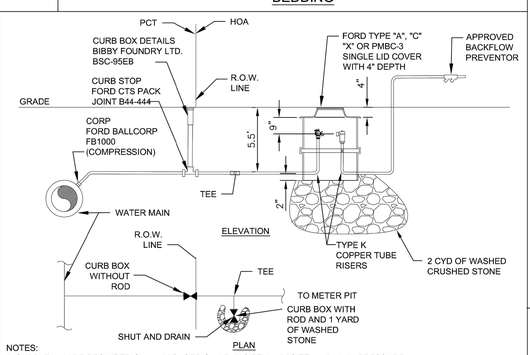
STANDARD FIRE HYDRANT



TYPICAL L TRENCH DETAIL HOUSE LEADS

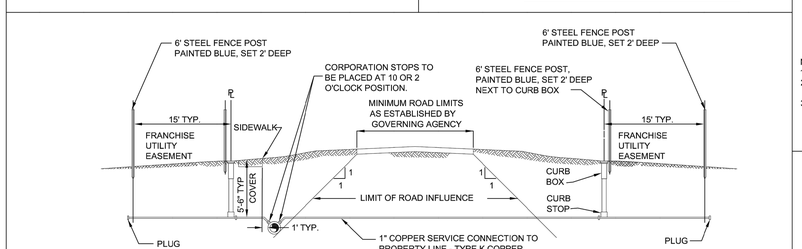


SEWER OR CULVERT CROSSING

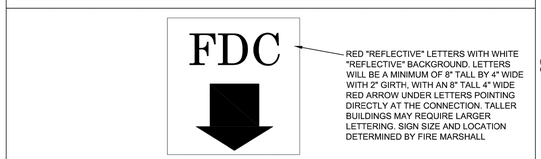


NOTES:
1. SADDLE MAY BE REQUIRED ON MAIN BASED ON LEAD SIZE, MAIN SIZE, AND MAIN PRESSURE
2. ALL WATER MAIN TAPS AND COMPONENT PARTS SHALL BE APPROVED BY THE PITTSFIELD TOWNSHIP UTILITIES DEPARTMENT PRIOR TO INSTALLATION.
3. INSTALLATION SHALL BE INSPECTED AND APPROVED BY THE PITTSFIELD TOWNSHIP UTILITIES DEPARTMENT.

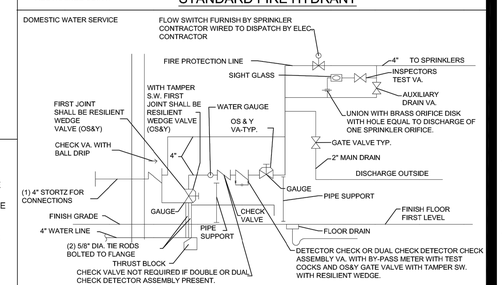
IRRIGATION METER PIT DETAIL



WATER MAIN CONNECTION



FIRE DEPARTMENT CONNECTION LABEL DETAIL



METER ROOM DETAIL

PARADIGM DESIGN
ARCHITECTS | ENGINEERS
GRAND RAPIDS
550 3 Mile NW Suite B
Grand Rapids, MI 49544
(616) 785-5656
TRAVERSE CITY
333 E. State Street
Traverse City, MI 49684
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PROJECT

MEIJER STORE 064

RESET & REMODEL

PROJECT NO CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

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Revision	By	Appd.	YY.MM.DD
UPDATES	MRH	DRW	14.01.24
FDC UPDATE	BWA	DRW	11.09.13
TWP REV	BWA	DRW	11.04.27
HYDRANT, MANHOLE UPDATE	BWA	DRW	10.10.25
UPDATES	TTN	DRW	10.01.20

Issued	By	Appd.	YY.MM.DD
File Name: W-01	BWA	DRW	07.10.01
	Dwn.	Chkd.	Dsgn. YY.MM.DD

Permit-Seal

Client/Project
PITTSFIELD TOWNSHIP

Pittsfield Township, Michigan

Title
WATER MAIN DETAILS

Project No. 2075001300

Scale NOT TO SCALE

Revision

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

PROJECT
1805060

SHEET
WATER MAIN DETAILS
C701

Thursday, September-13-2018 at 10:23am O:\1805060 Meijer 064 Ann Arbor Reset\Drawings\Civil\064-C700.dwg jlo

MEIJER 064 EXTERIOR DESIGN

09.04.2018

meijer®

PARADIGM DESIGN

MEIJER 064 PHARMACY DRIVE

09.17.2018

meijer

PARADIGM DESIGN

KEY NOTES

A THRU S SEE SHEET A605 FOR ACCESSORIES SCHEDULE

1. INFILL WALL OPENING w/ MTL STUD FRAMING & SHEATHING MATCHING PLANE OF ADJACENT SURFACE ON ALL EXPOSED SIDES AND AS REQUIRED FOR NEW FINISHES
2. INFILL WALL FROM BULKHEAD ABOVE DOWN TO FLOOR WITH METAL STUD FRAMING & GYP. BOARD TO ALIGN w/ EXISTING ADJACENT FINISHES. ADD HORIZ. CONTROL JOINT PER 16/A502
3. METAL FRAMING & GYP BD FINISH OVER COOLER / FREEZER PANEL - PROVIDE CLOSURE BULKHEAD TO DECK ON SALES SIDE PERIMETER PER DTL 8/A502
4. EXTEND GYP BD ON EXIST WALLS UP TO DECK OR COLUMN WRAP TO BOTTOM OF ROOF STRUCTURE
5. PROVIDE 1/2" GYP BD ON NEWLY EXPOSED STUDS UP TO DECK WHEN NO CEILING EXIST AND 6" ABOVE THE CEILING WHEN A CEILING DOES EXIST.
6. 1/2" MOISTURE RESISTANT GYP BD ON MIN. 1/2" OR 1 1/2" MTL FURRING OR STUDS AS DIMENSIONED ON COOLER PANEL - SEE DTL 8/A502
7. ON ALL EXISTING BACK SALES WALLS, ADD EITHER 1/2" OR 5/8" (F.V. TO MATCH EXISTING) GYP BD TO EXTEND MIN. 2" BELOW REDUCED SHELVING HEIGHT AT ALL NEW SHELF LOCATIONS. SEE Q-SHEETS FOR SHELVING HEIGHT
8. REPLACE EXISTING GYP BD SHEATHING w/ NEW P-LAM WAINSCOT, MDF AND HDPE CHAIR RAIL PER DTL 12/A503
9. REPLACE EXISTING FRT PLYWOOD & P-LAM WAINSCOT, CHAIR RAIL & BASE w/ NEW WAINSCOT, CHAIR RAIL AND BASE
10. REPLACE EXISTING FRT PLYWOOD & P-LAM WAINSCOT, CHAIR RAIL & BASE w/ GYP BD SHEATHING - PREPARE FOR FINISHES
11. CHASE WALL FOR LOZIER CORNERS - 1/2" GYP BD ON 3 5/8" METAL STUDS TO HEIGHT 1" TALLER THAN ADJACENT SHELVES (SEE Q-SHEETS) CAP TOP w/ 1/2" GYP BD - SEE DTL 7/A501
12. REPAIR DAMAGED STUD AND GYP BD ON SALES WALL FROM IMPACT SUSTAINED BY STOCK/SHELVES IN BACKROOM BEHIND
13. 1/2" MOISTURE RESISTANT GYP BD ON 6" METAL STUD FRAMING ON COOLER PANEL CHASE - SEE DTL 7/A502
14. INFILL EXT. WALL OPENING FROM REMOVAL OF DOOR OR WINDOW - SEE DTL 17/A402
15. DIRECT APPLY SHEATHING TYPE 'R' OVER MASONRY WALL
16. PREP EXISTING PRECAST WALL PANELS FOR PAINT. REMOVE ALL EQUIPMENT & GROUT FILL ALL EXPOSED HOLES AND DEFECTS
17. NOT USED
18. FURNISH AND INSTALL FRP FIBERGLASS REINF. PANELS 8'-0" HIGH x 4'-0" LENGTH EA. WALL ADJACENT TO SERVICE SINK
19. 4'-0" HIGH FRP ON (2) WALLS AT BASIN. EXTEND 1'-0" BEYOND FLOOR RECESS- SEE DTL 16-18/A605
20. PAINT STRIPING 4" WIDE HAZARD YELLOW STRIPES WITH 12" SPACING AT EXITS - COORDINATE w/ Q-SHEETS AND A800 SERIES
21.
22. PROVIDE AND INSTALL 20-GA. CONCEALED FASTENER CLOSURE STRIPS - STAINLESS STEEL AT FOOD PREP. STEEL AT BACKROOMS, OR WALL END CAP. INSTALL AT FOOD PREP EQUIPMENT WALLS AND ALL FIXED EQUIPMENT AND COOLER/FREEZER PANELS AGAINST WALLS FOR FULL HEIGHT OF EQUIPMENT- SEE Q-SHEETS.
23. NOT USED
24. 1/2" x 6" MIN HDPE CLOSURE FULL HEIGHT AT EXPOSED ENDS OF CASES NOT TIGHT AGAINST WALL - MOUNT TO CASE SEE Q-SHEETS FOR EQUIP LAYOUT
25. SERVICE SINK - SEE PLUMBING
26. SINK - SEE PLUMBING
27. MECHANICAL EQUIPMENT - SEE MECHANICAL
28. ELECTRICAL EQUIPMENT - SEE ELECTRICAL
29. NOT USED
30. DRINKING FOUNTAIN - SEE PLUMBING & A605 FOR BARRIER FREE MOUNTING HEIGHTS
31. INTERIOR PIPE BOLLARD - SEE DTL 1/A503
32. PROTECTION RAIL - SEE DTL 2/A503
33. CART GUIDE POST- SEE DTL 3/A503 - VERIFY FINAL POST LOCATION AT ALL AUTOMATIC SWING AND SLIDER DOORS
34. CART FLOOR RAILS SEE Q-SHEETS
35. COOLER FLOOR RAIL SEE Q-SHEETS & DTL 8/A503
36. STOP ANGLE: AT DAIRY COOLER EXTEND / RELOCATE - SEE DTL 24/A503 AT HOOD INSTALL 5 FT - DTL 25/A503
37. NOT USED
38. COILING SHUTTER HOUSING (ABOVE)
39. BOTTLE RETURN TRASH OPENING PER DTL 3/A502
40. NEW MILLWORK- SEE MEIJER Q-SHEETS
41. EXISTING PLATFORM / LADDER TO REMAIN
42. NOT USED
43. INSTALL / REINSTALL TOILET ROOM FIXTURE, PARTITIONS & ACCESSORIES PER DTL SHEET A605 - SEE Q SHEETS
44. CHAIN LINK FENCE- SEE DTLS 8-13/A604
45. DECORATIVE FENCE & GATES- SEE DTLS 11-17/A604
46. DECORATIVE GUARD FENCE- SEE DTLS 15-17/A604
47. DECORATIVE BOLLARD w/ 10" COVER - SEE CIVIL DTL C5/C700
48. CONC. FILLED GUARD POST w/ COVER - SEE CIVIL DTL C5/C700
49. REPAIR CUT ENDS OF REDUCED SHADE CLOTH TOP COLUMN CONNECTORS - ADD GALV CHAIN LINK FENCE CAP TO CUT ENDS OR WELD GALV 1/4" STEEL PLATE CAP
50. INSTALL NEW / RELOCATED SHADE CLOTH STRUCTURE - CORE CONCRETE FOR NEW COLUMN LOCATIONS
51. INSTALL CONC BLDG CART CURB - SEE DTL 1/S401
52. INSTALL SECURITY MESH ON GARDEN CENTER EMERGENCY EXIT GATE - SEE 11-13/A604

GENERAL NOTES

1. LAYOUT WORK AND VERIFY ALL DIMENSIONS AND CONDITIONS WITH THOSE INDICATED ON DRAWINGS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO STARTING DEMOLITION OR CONSTRUCTION.
2. SEE ENLARGED FLOOR PLANS FOR OTHER DIMENSIONS.
3. SEE ROOM FINISH SCHEDULE A603 AND FINISH PLANS FOR FINISHES.
4. EXTEND ALL WALLS TIGHT TO DECK ABOVE UNLESS NOTED OTHERWISE.
5. INSTALL DEFLECTION HEADS AT ALL NEW STUDS CONSTRUCTED TIGHT TO DECK. EXIST. STRUCTURE OR BULKHEADS - SEE DTLS 4,5&7/A502
6. FOR STUD WALLS THAT GO TO DECK w/o SHEATHING ON BOTH SIDES, PROVIDE INTERNAL BRACING - SEE DTL 7/A502
7. SEE DTLS 3&11/A502 FOR TYP. VERT. CONTROL JOINTS FOR GENERAL WALL CONTROL JOINT, SPACING RESPECTIVELY WHETHER OR NOT SHOWN ON PLANS OR ELEVATIONS. JOINTS AT WALL TO CORNER & AT COLUMNS - SEE DTL 2/A503 FOR WALL TO HANGING BULKHD MOVEMENT JOINT - SEE DTL 1/A503 FOR EXPANSION JOINT
8. TOP OF SIDEWALK OUTSIDE OF EXIT DOORS SHALL BE HELD 1/4" BELOW FINISHED FLOOR.
9. MAIN FLOOR ELEVATIONS CALLED 100'-0" - SEE CIVIL FOR ACTUAL ELEVATION.
10. SEE G102 FOR LOCATION OF FIRE EXTINGUISHERS.
11. SEE DTLS 1-6/A405 FOR TYPICAL ROOF DETAILS FOR NEW HVAC WORK. COORDINATE w/ MECH
12. INSTALL OWNER PROVIDED NEW CASE SHELVING CORNER GUARDS THROUGHOUT STORE PER DTL 7/A504 AND Q SHEETS.
13. REPLACE HDPE BUMPERS ON ALL EXISTING COLUMNS SALES AREA PER DTL 5/A604 w/ NEW BP101 - REPLACE ALL HDPE WALL CHAIR RAILS w/ BP101 & P-LAM. WAINSCOT PER DTLS 6&7/A604 UNO
14. PROVIDE CONCENTRATED LOAD REINF. AT ALL JOISTS WHERE POINT LOAD IS MORE THAN 6" FROM PANEL POINT AND POINT LOAD GREATER THAN 200 LBS. - SEE DTL 6/S501
15. PROVIDE WALL MOUNTED ANGLE SUPPORT FOR WATER HEATERS OR BATTERY CHARGERS - SEE DTLS 13&14/S301 - COORD w/ MEIJER Q-SHEETS & M.E.P. DRAWINGS
16. PROVIDE 2"x2" S.S. CORNER GUARDS ON ALL WALL TILE 90° OR 135° CORNERS FULL HEIGHT TO CEILING. SEE DTL 4/A604 (SIM.)
17. PROVIDE PLASTIC BOLLARD COVERS OVER ALL NEW & EXIST. EXTERIOR CONC. FILLED STEEL PIPE BUMP POSTS - SEE CIVIL.
18. CAULK ALL WALL PENETRATIONS AND/OR STRUCTURAL PENETRATIONS THROUGH NEW OR EXIST. GYP. BD. CONSTRUCTION WHERE VISIBLE TO PUBLIC.
19. PATCH & REPAIR ALL INTERIOR AND EXTERIOR SURFACE DAMAGE FROM REMOVAL OF EXISTING SIGNAGE OR EQUIPMENT.

GENERAL PROJECT NOTES

A. CONTRACTORS SHALL THOROUGHLY REVIEW THE CONTRACT DOCUMENTS, VISIT THE PROJECT SITE, AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING WORK BEFORE SUBMITTING THEIR BIDS.
1. ANY DIFFERENCES BETWEEN EXISTING FIELD CONDITIONS AND THE CONTRACT DOCUMENTS SHALL BE REPORTED TO C.M. FOR CONSTRUCTION BEFORE PROCEEDING WITH THE WORK.

B. THE CONTRACTOR SHALL OBTAIN ALL PERMITS & PAY ALL NECESSARY FEES.

C. THROUGHOUT THE DURATION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE & MAINTAIN TEMP. ENCLOSURES, WHITE PLASTIC DUST BARRIERS, AND/OR TRAFFIC BARRIERS AS REQ'D OR AS INDICATED ON DWGS. TO MAINTAIN A SAFE AND CLEAN ENVIRONMENT FOR STORE GUESTS AND TEAM MEMBERS.

D. ANY SHUT-OFF (ELECT, PLBG, FP, ETC) MUST BE COORDINATED WITH THE CONTRACTOR/MANAGER, OWNER REPRESENTATIVE AND LOSS PREVENTION DEPT., A MINIMUM OF TWO (2) DAYS IN ADVANCE

E. ANY DAMAGES CAUSED BY THE CONTRACTOR DURING WORK SHALL BE PATCHED AND REPAIRED TO MATCH THE EXISTING ADJACENT CONSTRUCTION AT NO ADDITIONAL COST TO MEIJER, INC.

F. NEW MASONRY WALLS SHALL BE CUSTOM CUT TO ALIGN W/ EXIST. CMU & BRICK COURSING IF REQ'D

G. PATCH EXISTING FLOOR SLABS PER FOLLOWING INSTRUCTIONS:
1. ALL CONCRETE USED FOR MATCHING AND REPAIR OF THE EXISTING SLAB ON GRADE SHALL MEET THE FOLLOWING PROPERTIES:
   a. NORMAL WEIGHT (145 pcf)
   b. MAXIMUM WATER-CEMENT RATIO (w/c) = 0.50
   c. CEMENT SHALL MEET ASTM C150, TYPE 1
   d. FINE AND COURSE AGGREGATES SHALL MEET ASTM C33
2. FOR MINOR CONCRETE PATCHING (ISOLATED PATCHES LESS THAN 1'-6" SQUARE OR STRIP PATCHES LESS THAN 1'-6" WIDE), PROVIDE NEW CONCRETE MEETING THE ABOVE REQUIREMENTS WITH A MIN. THICKNESS OF EXISTING SLAB. PROVIDE CONCRETE BONDING AGENT BETWEEN SURFACES OF NEW & OLD CONCRETE.
3. FOR MAJOR CONCRETE PATCHING (ISOLATED PATCHES GREATER THAN 1'-6" SQUARE OR STRIP PATCHES GREATER THAN 1'-6" WIDE), PROVIDE NEW CONCRETE MEETING THE ABOVE REQUIREMENTS WITH A MINIMUM THICKNESS OF 4 1/2" AT SALES / FOOD PREP AREAS, 5" AT BACKROOM AREAS. PROVIDE SAND FILL IF EXISTING THICKER SLABS PER GENERAL DEMOLITION NOTES SHEET D100 NOTE "N" ARE ENCOUNTERED. PROVIDE CONCRETE BONDING AGENT BETWEEN SURFACES OF NEW AND OLD CONCRETE. DOWEL NEW TO EXISTING PER DETAIL 3/S301. PROVIDE DOWELS ALL SIDES AND POSITION DOWELS IN CENTER OF NEW CONCRETE PATCH. PROVIDE EXPANSION JOINTS AND CONTROL JOINTS PER DTL 2/S301 TO MATCH CURRENT LOCATIONS AND SPACING.
4. SLOPE CONCRETE FLOOR SLABS UNIFORMLY TO DRAINS ELEVATION AS INDICATED ON S101
5. ADD 10 MIL VAPOR BARRIER AT FREEZER SLABS - SEE DETAILS 17-21/A503
6. PRIOR TO CONCRETE PLACEMENT AND NEW UTILITIES, SUBBASE SHALL BE COMPACTED AND SMOOTH TO PROVIDE A UNIFORM THICKNESS OF CONCRETE PATCH.
7. COORDINATE DEPTH AND PLACEMENT OF NEW UTILITIES SUCH THAT UTILITIES ARE NOT ENCASED IN NEW PATCH CONCRETE. MAINTAIN A MINIMUM 3" BETWEEN BOTTOM OF CONCRETE PATCH AND UTILITY.
8. PROVIDE CONCRETE SEALER ON ALL SURFACES OF NEW CONCRETE PATCHES - SEE A800 DRAWINGS AND SPECIFICATIONS.
9. APPROVED MATERIALS FOR FILLING BOLT HOLES, CREVICES, CRACKS, OR USED FOR PATCHING SMALL AREAS OF DETERIORATED CONCRETE TO BE AS FOLLOWS:
   a. DAYTON SUPERIOR CORPORATION - PERMA PATCH
   b. THE EUCLID CHEMICAL COMPANY - EUCORRETE
   c. SONNEBORN CHEMREX, INC - EPOLITH PATCHER

H. PAINT ALL NEW HVAC DUCT WORK THAT WILL BE EXPOSED IN THE SALES AREA. COLOR TO MATCH EXISTING SURROUNDING ROOF DECK AND STRUCTURE. PAINT ALL NEW, EXISTING AND/OR RELOCATED MECHANICAL GRILLES IN PERIMETER SALES WALL OR BULKHEADS TO MATCH NEW WALL COLORS. PAINT ALL NEW OR EXISTING ELECTRICAL PANELS EXPOSED TO PUBLIC VIEW. COLOR TO MATCH ADJACENT WALL

I. INSTALL NEW COLOR BANDS ON COLUMNS TO COORDINATE WITH NEW TELEPHONES, EQUIPMENT AND FIRE EXTINGUISHERS RELOCATION. SEE DEMO PLANS, ELECTRICAL PLANS AND MEIJER Q-SHEETS

J. REPAINT ALL EXISTING INTERIOR STRUCTURAL COLUMNS AND COLUMN ENCLOSURE, ALL EXPOSED DRAIN PIPES, ALL PIPE CHASES AND DROPS, AND ANY EXPOSED PIPING CONNECTED TO COLUMNS - SEE FINISH REQUIREMENTS. PREP COLUMNS BY GRINDING OFF ANY IMPERFECTIONS OR PAINT LINES. FILL ALL HOLES PRIOR TO PAINT. HOLES OVER 1/4" DIA TO HAVE "BONDO" OR OTHER SIMILAR SOLID FILLER. PREP AND PATCH ALL EXISTING COLUMN WRAPS PRIOR TO PAINT.

K. INSTALL NEW HDPE IMPACT PROTECTION THROUGHOUT AREAS EXPOSED TO PUBLIC VIEW SEE DEMO FOR ADDITIONAL INFORMATION.

L. INSTALL HDPE CHAIR RAIL, & P-LAM WAINSCOT ON ALL EXPOSED WALL SURFACE IN SALES AREA - SEE A301, A302 & A80x SHEETS, COORDINATE w/ MEIJER Q-SHEETS

M. PROVIDE CORNER GUARDS ON ALL PAINTED WALLS TO 6'4" A.F.F. PROVIDE COLORED 1 1/2" GUARDS ON P-LAM WAINSCOT CORNER BELOW BUMPERS TO MATCH HDPE -SEE SHEET A603

N. PROVIDE CONTROL JOINTS IN ALL NEW GYP. BD. CONSTRUCTION WHERE SHOWN ON DRAWINGS OR AS REQ'D FOR MAXIMUM SPACING OF 30'-0" O.C. PROVIDE VERTICAL MOVEMENT JOINT AT LOCATIONS WHERE ROOF HUNG BULKHEADS INTERSECT WITH FLOOR SUPPORTED WALL CONSTRUCTION.

O. WHERE NEW WALL CONSTRUCTION TO DECK IS PARALLEL TO AND ALIGNS WITH EXISTING ROOF STRUCTURE BEAM, JOIST OR GIRDERS, INFILL WEBBING SIMILAR TO DTL 12/A503 OR BOX AROUND MEMBER ON PUBLIC SALES SIDE OF MEMBER.

P. PATCH AND REPAIR ALL STUD AND GYP. BD. CONSTRUCTION AROUND EXISTING ELECTRICAL PANELS WHERE WIRES ARE "UNFISHABLE" AND SHEATHING DEMOLITION IS REQUIRED.

Q. PATCH AND REPAIR GYP. BD. AROUND NEW DOOR AND FRAMES ADDED TO EXISTING WALLS. RETURN GYP. BD. TO FRAME ON THICKER EXTERIOR WALLS.

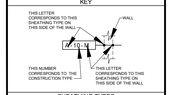
R. CAULK FILL ALL PRECAST WALL SAW CUT "OVERAGES" PAST DESIRED OPENINGS. FILL ALL FLOOR OVERCUTS w/ MM80.

S. PROVIDE 20-GA. CONCEALED FASTENER STAINLESS STEEL CLOSURE STRIPS AT ALL FIXED FOOD PREP EQUIPMENT AND COOLER/FREEZER PANELS AGAINST WALLS FOR FULL HEIGHT OF EQUIPMENT- SEE Q-DOCUMENTS.

T. PROVIDE 1-1/2" METAL DECK, ROOF INSULATION AND ROOF MEMBRANE TO MATCH EXISTING AT ALL HIGH ROOF R.T.U. LOCATIONS BEING REMOVED. REMOVE CURB BUT KEEP ANGLE FRAME FOR NEW DECK SUPPORT. PAINT PER SHT. A700 - SEE MECHANICAL DEMO. FOR LOCATIONS.

WALL CONSTRUCTION LEGEND

KEY



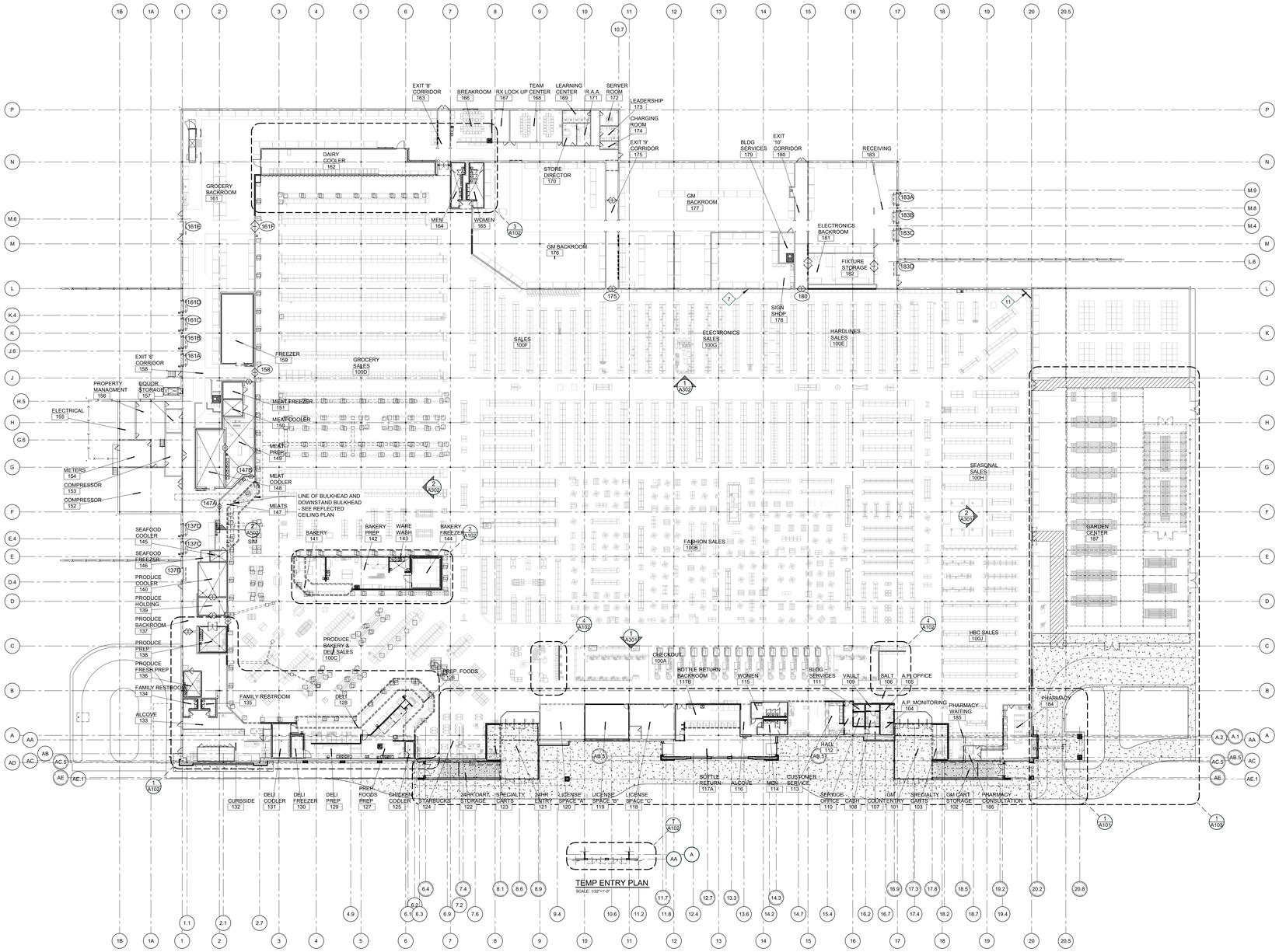
SHEATHING TYPES

A- 1/2" GYP. BD. FROM FLOOR TO DECK
B- 1/2" GYP. BD. UP TO 6" MIN. ABOVE CEILING
C- 1/2" GYP. BD FROM EXIST. CHAIR RAIL (APPROX. 2'-6" A.F.F.) UP TO CEILING REPLACE HDPE & P-LAM BELOW TO NEW FINISH
D- (NOT USED)
E- 1/2" F.R.T. PLYWD TO HEIGHT OF WALL
F- 1/2" MOISTURE RESIST. GYP. BD. UP TO DECK
G- 1/2" MOISTURE RESIST. GYP. BD. UP TO 6" MIN. ABOVE CEILING
H- 1/2" MOISTURE RESISTANT GYP.BD. UP TO MIN. 6" ABOVE CEILING FOR FRP OR C.T. FINISHES w/ 1/2" GYP BD. ABOVE TO DECK
J- (NOT USED)
K- 1/2" F.R.T. PLYWD. UP TO 4'-0" A.F.F. w/ METAL MESH ABOVE TO DECK
L- 1/2" F.R.T. PLYWD. UP TO 6'-0" A.F.F. w/ METAL MESH ABOVE TO DECK
M- 1/2" F.R.T. PLYWD. UP TO 12'-0" A.F.F. w/ METAL MESH ABOVE TO DECK
N- 1/2" F.R.T. PLYWD. UP TO DECK OR TOP OF FRAMING
O- 1/2" F.R.T. PLYWD. UP TO 8'-0" A.F.F.
P- 1/2" F.R.T. MDF BOARD UP TO CHAIR RAIL w/ DOUBLE LAYER HDPE TRIM. SEE DETAIL 13/A503
Q- 1/2" F.R.T. PLYWD. UP TO H.D.P.E. CHAIR RAIL FOR WAINSCOT, THEN 1/2" GYP. BD. UP TO DECK - SEE DTL 12/A503
R- 1/2" F.R.T. PLYWD. UP TO H.D.P.E. CHAIR RAIL FOR WAINSCOT. THEN 1/2" GYP. BD. UP TO 6" MIN. ABOVE CEILING OR TO GYP. BD. SOFFIT OR BULKHEAD - SEE DTL 12/A503
S- 1/2" F.R.T. PLYWD. UP TO HDPE CHAIR RAIL FOR WAINSCOT. EXISTING GYP BD. ABOVE TO REMAIN - SEE DTL 12/A503
T- 1/2" F.R.T. PLYWD. UP TO 2'-0" A.F.F., THEN 1/2" GYP. BD. UP TO DECK (UNO) w/ ADDL. LAYER OF 1/2" GYP. BD. FROM FLR. UP TO DECK (UNO)
U- 1/2" F.R.T. PLYWD. UP TO 8'-0" A.F.F., THEN 1/2" GYP. BD. UP TO DECK
V- 5/8" TYPE 'X' FIRE RATED GYP.BD. TO 6" MIN. ABOVE CEILING
W- 5/8" GYP.BD. TO DECK ON EXISTING WALL w/ CURRENTLY 5/8" SHEATHING MATERIAL
X- EXIST. CONSTR. TO REMAIN
Y- (NOT USED)
Z- NO SHEATHING REQUIRED

CONSTRUCTION TYPES

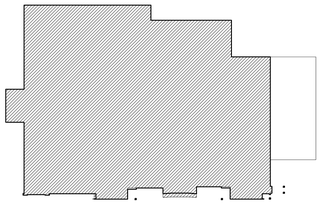
ALL MTL FRAMING 20 GA. U.N.O. ALL STUDS 1-5/8" BY DEPTH INDICATED UNLESS NOTED OTHERWISE - WHERE STUD OR FURRING INDICATED PROVIDE FULL SYSTEM w/ REQUIRED BRIDGING, BRACING AND TRACKS OF SAME GA. U.N.O.

1- 1-1/2" MTL. FURR. AT 16" O.C. UP TO DECK
2- 1-1/2" MTL. FURR. AT 16" O.C. UP TO 6" MIN. ABOVE CEILING
3- 1/2" RESILIENT 'Z' FURR. OR HAT CHANNEL AT 16" O.C. TO MIN. 6" ABOVE CEILING
4- (NOT USED)
5- 3-5/8" MTL. STUDS AT 16" O.C. UP TO DECK
6- 3-5/8" MTL. STUDS AT 16" O.C. UP TO 6" MIN. ABOVE CEILING
7- 3-5/8" MTL. STUDS AT 16" O.C. FOR HEIGHT OF WALL AS INDICATED ON DRAWINGS
8- 3-5/8" MTL. STUDS AT 16" O.C. UP TO TOP OF NEW OR EXIST. REFRIG. WALL PANEL
9- 3-5/8" MTL. STUDS AT 16" O.C. UP TO DECK w/ 3 1/2" SOUND BATT INSUL. UP TO 6" MIN. ABOVE CEILING
10- 3-5/8" MTL. STUDS AT 16" O.C. UP TO 6" MIN. ABOVE CEILING w/ 3-1/2" SOUND BATT INSUL.
11- (NOT USED)
12- PLUMBING CHASE w/ (2) SEPARATE WALLS 3-5/8" MTL. STUDS AT 16" O.C. UP TO DECK w/ 3-1/2" SOUND BATT INSUL. UP TO DECK - SEE PLAN FOR OVERALL CHASE DIMENSION
13- (NOT USED)
14- (NOT USED)
15- 6" MTL. STUDS AT 16" O.C. UP TO DECK.
16- 6" MTL. STUDS AT 16" O.C. UP TO 6" MIN. ABOVE CEILING
17- 6" MTL. STUDS AT 16" O.C. FOR HEIGHT OF WALL AS INDICATED ON DRAWINGS
18- 6" MTL. STUDS AT 16" O.C. UP TO TOP OF NEW OR EXIST. REFRIG. WALL PANEL
19- 6" MTL. STUDS AT 16" O.C. UP TO DECK w/ 3-1/2" SOUND BATT INSUL. UP TO 6" MIN. ABOVE CEILING
20- 6" MTL. STUDS AT 16" O.C. UP TO 6" MIN. ABOVE CEILING w/ 3-1/2" SOUND BATT INSUL.
21- (NOT USED)
22- (NOT USED)
23- (NOT USED)
24- (NOT USED)
25- 8"X18-GA. MTL. STUDS AT 16" O.C. UP TO STRUCTURE ABOVE
26- STRUCT. STUDS - SEE SECTIONS & DETAILS
27- (NOT USED)
28- (NOT USED)
29- (NOT USED)
30- 1-1/2" MTL. FURR. AT 16" O.C. OVER NEW OR EXIST. REFRIG. WALL PANEL. INSTALL UP TO TOP OF PANEL. THEN 6" MTL. STUDS AT 16" O.C. FROM TOP OF PANEL UP TO DECK. ALIGN FURRING & STUDS FOR CONTINUOUS GYP. BD. INSTALL
31- 3-5/8" MTL. STUDS AT 16" O.C. OVER NEW OR EXIST. REFRIG. WALL PANEL. INSTALL UP TO TOP OF PANEL. THEN 6" MTL. STUDS AT 16" O.C. FROM TOP OF PANEL UP TO DECK. ALIGN STUDS FOR CONTINUOUS GYP. BD. INSTALL
32- (NOT USED)
33- (NOT USED)
34- (NOT USED)
35- (NOT USED)
36- (NOT USED)
37- (NOT USED)
38- (NOT USED)
39- (NOT USED)
40- (NOT USED)
41- (NOT USED)
42- (NOT USED)
43- EXIST. REFRIGERATION COOLER / FREEZER WALL PANEL TO REMAIN
44- NEW REFRIGERATION COOLER / FREEZER WALL PANEL- SEE REFRIGERATION PACKAGE
45- (NOT USED)
46- (NOT USED)
47- (NOT USED)
48- (NOT USED)
49- EXISTING ALUMINUM FRAMED GLAZING SYSTEM TO REMAIN
50- EXIST. WOOD STUD CONSTR. TO REMAIN
51- EXIST. MTL. STUD / FURR. CONSTR. TO REMAIN
52- EXIST. MASONRY WALL CONSTR. TO REMAIN
53- EXIST. PRECAST WALL PANEL CONSTR. TO REMAIN



TEMP ENTRY PLAN
SCALE: 1/32"=1'-0"

1 / A100 OVERALL FLOOR PLAN
SCALE: 1/32"=1'-0"



KEY PLAN

WALL SYMBOL KEY

EXISTING WALLS
NEW WALLS

PARADIGM DESIGN
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PROJECT NO CP-19-00064

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OWNER

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CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

PROJECT

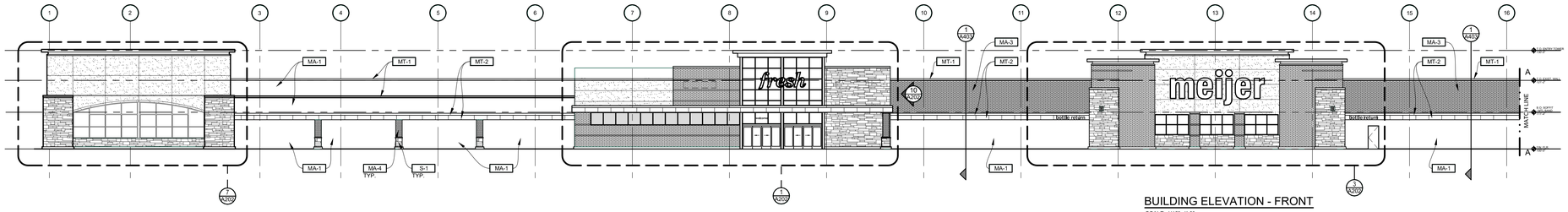
1805060

SHEET

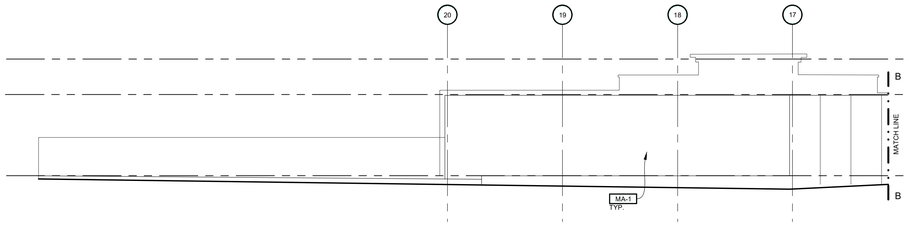
OVERALL FLOOR PLAN

A100

Monday, September-17-2018 at 11:33am O:\1805060 Meijer 064 Ann Arbor Reset\Drawings\Arch\064-A100.dwg RDK



BUILDING ELEVATION - FRONT
SCALE: 1/16"=1'-0"



BUILDING ELEVATION - REAR CONT.
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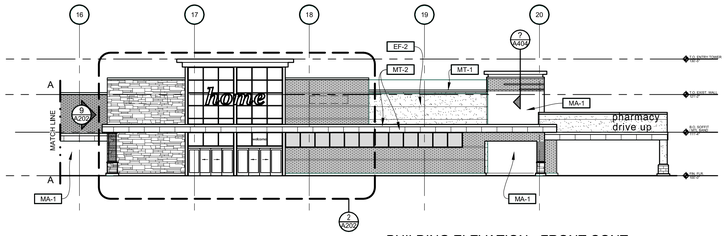

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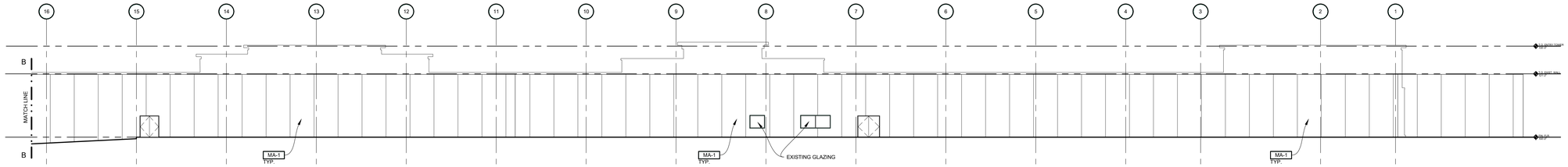
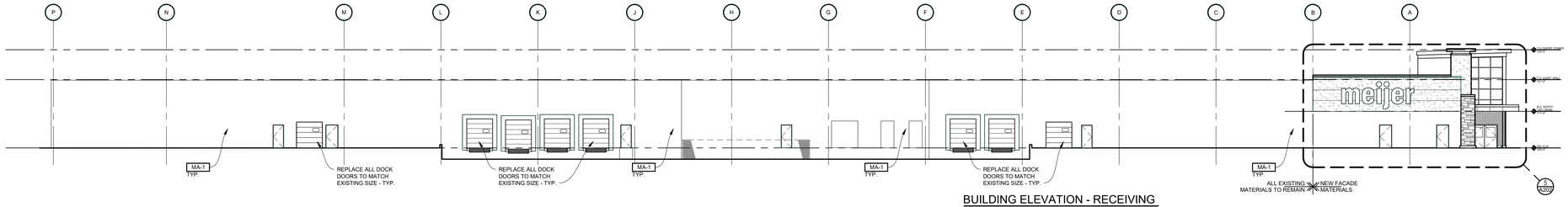
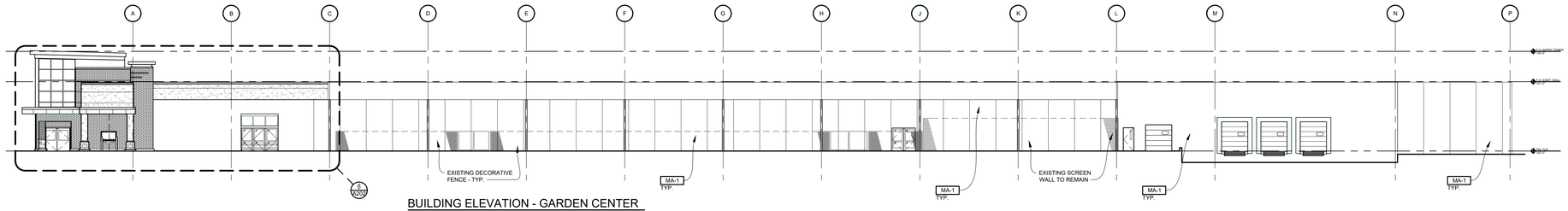


BUILDING ELEVATION - REAR
SCALE: 1/16"=1'-0"



BUILDING ELEVATION - RECEIVING
SCALE: 1/16"=1'-0"



BUILDING ELEVATION - GARDEN CENTER
SCALE: 1/16"=1'-0"

EXTERIOR FINISHES LEGEND

C-1	EXPOSED SITE CAST CONCRETE SURFACE
C-2	PRECAST CONCRETE CAPS AND SILLS, COLOR ROCK CAST "CREME BUFF" OR EQUAL - SEE DTLS XX/A07
EF-1	EIFS - COLOR MATCH SW 6061 "TANBARK" STO LIT 1.5 TEXTURE WITH V-GROOVES
EF-2	EIFS - COLOR MATCH SW 6142 "MACADAMIA" STO LIT 1.5 TEXTURE WITH V-GROOVES
EF-3	EIFS - COLOR MATCH SW 7030 "ANEW GRAY" STO LIT 1.5 TEXTURE WITH V-GROOVES
EF-4	EIFS - COLOR MATCH SW 7510 "CHATEAU BROWN" STO LIT 1.5 TEXTURE WITH V-GROOVES
EPT-1	EXTERIOR PAINT - COLOR MATCH PAC-CLAD "BONE WHITE"
EPT-2	EXTERIOR PAINT - COLOR MATCH PAC-CLAD "AWARD BLUE"
EPT-3	EXTERIOR PAINT - COLOR MATCH ADJACENT SURFACE
EPT-4	EXTERIOR PAINT - COLOR MATCH "HAZARD YELLOW"
EPT-5	EXTERIOR PAINT - COLOR MATCH SW 6142 "MACADAMIA"
EPT-6	EXTERIOR PAINT - COLOR MATCH SW 6061 "TANBARK"
EPT-7	EXTERIOR PAINT - COLOR MATCH PAC-CLAD "ALMOND"
EPT-8	EXTERIOR PAINT - COLOR MATCH SW 7030 "ANEW GRAY"
EPT-9	EXTERIOR PAINT - COLOR MATCH SW 7504 "KEYSTONE GRAY"
EPT-10	EXTERIOR PAINT - COLOR MATCH SW 7510 "CHATEAU BROWN"
G-1	GLASS - EXISTING TO REMAIN
G-2	GLASS - 1/4" CLEAR - TEMPERED WERE INDICATED
G-3	GLASS - 1 3/16" CLEAR BALLISTICS RATED
G-4	GLASS - 1/4" DARK TINT - TEMPERED WERE INDICATED
GU-1	GLASS UNIT - 1" CLEAR - TEMPERED WERE INDICATED
GU-2	GLASS UNIT - 1" TINTED - TEMPERED WERE INDICATED
GU-3	GLASS UNIT - 1" DARK TINTED - TEMPERED WERE INDICATED
GU-4	GLASS UNIT - 1" FROSTED FILM - TEMPERED WERE INDICATED
GU-5	SPANDREL GLASS UNIT - LOW-E AND 40% FRIT DOT PATTERN
MA-1	FACE BRICK - EXISTING TO REMAIN
MA-2	FACEBRICK - UTILITY SIZE, COLOR "BISMARK DARK VELOUR" BY BELDEN BRICK
MA-3	FACEBRICK - UTILITY SIZE, COLOR "DUTCH GREY VELOUR" BY BELDEN BRICK
MA-4	FACEBRICK - MODULAR SIZE, COLOR "BISMARK DARK VELOUR" BY BELDEN BRICK
MA-5	FACEBRICK - MODULAR SIZE, COLOR "DUTCH GREY VELOUR" BY BELDEN BRICK
MA-6	FACE BRICK - UTILITY SIZE, COLOR "SIENNA BLEND VELOUR" BY BELDEN BRICK
MA-7	FACE BRICK - UTILITY SIZE, COLOR "No. 8532" BY BELDEN BRICK
MA-8	CONCRETE BLOCK VENEER - 4" SPLIT FACE, COLOR "BRICK RED M" BY TRENDSTONE
MM-1	MASONRY MORTAR - COLOR MATCH EXISTING ADJACENT
MM-2	MASONRY MORTAR - 1:SOLOMON BUFF 10X
MT-1	METAL - 24 GA. PREFINISHED, COLOR MATCH PAC-CLAD "BONE WHITE"
MT-2	METAL - 24 GA. PREFINISHED, COLOR MATCH PAC-CLAD "AWARD BLUE"
MT-3	METAL - .032 ALUMINUM, COLOR "CLEAR ANODIZED"
MT-4	METAL - 24 GA. PREFINISHED, COLOR MATCH SW 6142 "MACADAMIA"
MT-5	METAL - 24 GA. PREFINISHED, COLOR MATCH SW 7504 "KEYSTONE GRAY"
S-1	VENEER STONE HIDDEN RIDGE "LAKELAND BLEND" BY BELDEN BRICK

GENERAL NOTES

1. POCHED MASONRY REPRESENTS ACCENT COLOR MASONRY (MA-1 OR MA-1)
2. SEALANT OR MORTAR FILL ALL HOLES OR PIPE PENETRATIONS IN EXTERIOR WALLS
3. SEE CIVIL DRAWINGS FOR ALL NEW / EXISTING SIGNAGE AREAS
4. PROVIDE CONTROL JOINTS IN EIFS AS REQUIRED BY **MANUFACTURER**

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ARCHITECTS I ENGINEERS

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CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

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PROJECT

1805060

SHEET

BUILDING
ELEVATIONS

A201

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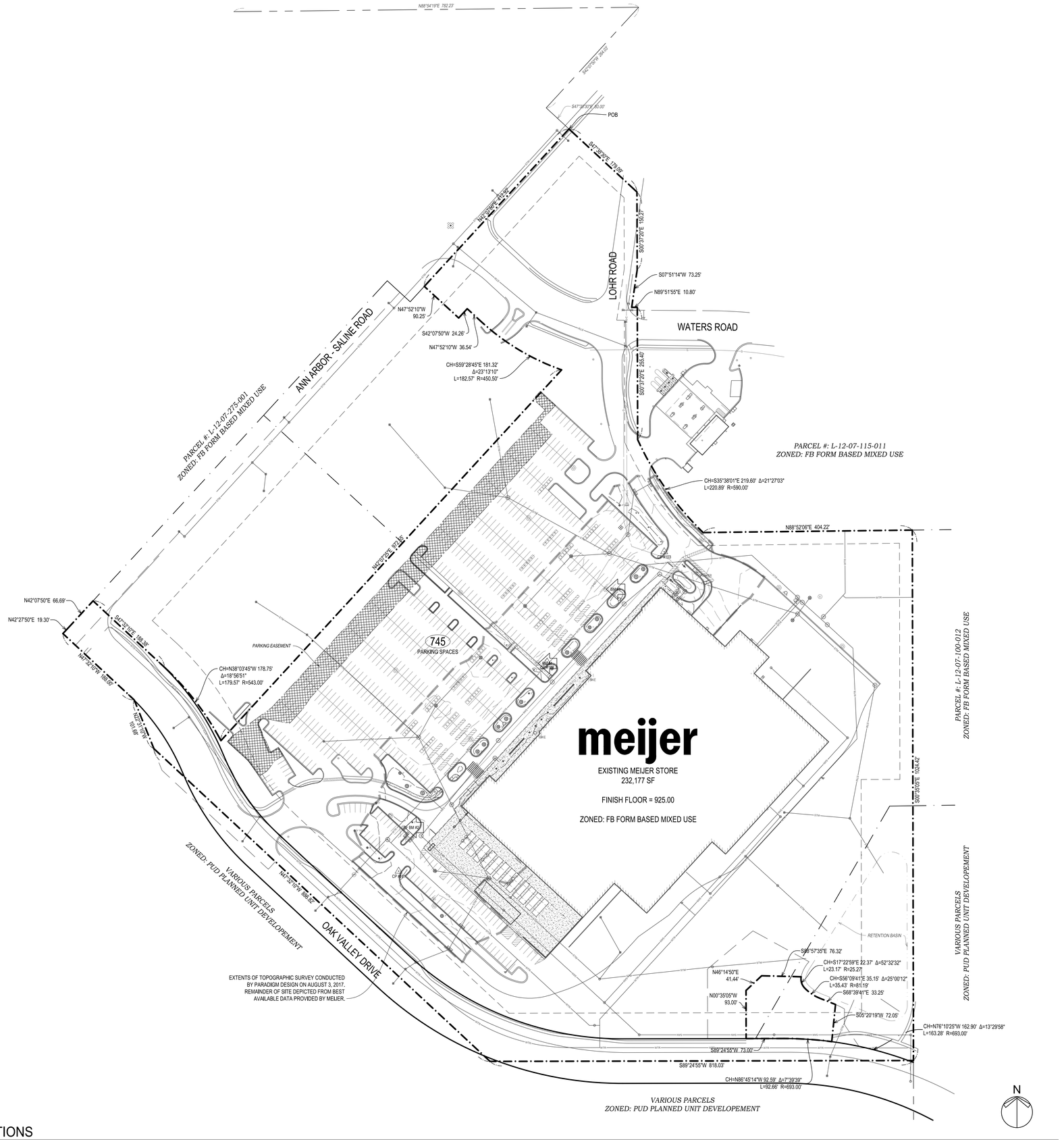
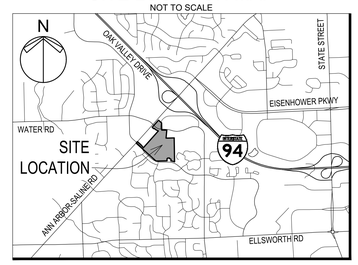


A1 EXISTING CONDITIONS

SCALE: 1" = 80'

SITE LOCATION MAP

NOT TO SCALE



3145 ANN ARBOR - SALINE RD
PITTSFIELD TOWNSHIP
WASHTENAW COUNTY, MICHIGAN

SECTION 07, TOWN 03 S, RANGE 06 E
42°14'25" N, 83°46'00" W
PARCEL #: L-12-07-100-032

LEGAL DESCRIPTION:

PART OF THE NORTH 1/2 OF SECTION 7, TOWN 3 SOUTH, RANGE 6 EAST, PITTSFIELD TOWNSHIP, WASHTENAW COUNTY, MICHIGAN BEING MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTH 1/4 CORNER OF SECTION 7; THENCE N88°54' 19"E, 762.23 FEET ALONG THE NORTH LINE OF SAID SECTION 7, TO A POINT ON THE CENTERLINE OF ANN ARBOR-SALINE ROAD (VARIABLE WIDTH); THENCE S42°07' 50"W, 264.03 FEET ALONG SAID CENTERLINE; THENCE S47°38' 30"E, 60.00 FEET TO THE POINT OF BEGINNING; THENCE S47°38' 30"E, 179.09 FEET; THENCE S00°37' 20"E, 150.27 FEET; THENCE S07°51' 14"W, 73.25 FEET; THENCE N89°51' 55"E, 10.80 FEET; THENCE S00°37' 20"E, 255.40 FEET; THENCE ALONG A NON-TANGENT CURVE TO THE LEFT, 220.89 FEET, SAID CURVE HAVING A RADIUS OF 590.00 FEET, A CENTRAL ANGLE OF 21°27'03", AND A LONG CHORD BEARING OF S35° 38' 01"E, 219.60 FEET; THENCE N88° 52' 06"E, 404.22 FEET; THENCE S00° 35' 05"E, 1024.42 FEET TO A POINT BEING S88°38'38"W, 1292.15 FEET AND N00°35'05"W, 633.40 FEET FROM THE EAST 1/4 CORNER OF SAID SECTION 7; THENCE S89° 24' 55"W, 818.03 FEET; THENCE N47° 32' 10"W, 886.82 FEET; THENCE N22° 31' 10"W, 101.68 FEET; THENCE N47° 32' 10"W, 188.00 FEET; TO A POINT ON THE CENTERLINE OF ANN ARBOR-SALINE ROAD (VARIABLE WIDTH); THENCE THE FOLLOWING 2 COURSES ALONG SAID CENTERLINE (1) N42° 27' 50"E, 19.30 FEET, AND (2) N42° 07' 50"E, 66.69 FEET; THENCE S47° 32' 10"E, 188.38 FEET; THENCE ALONG A TANGENT CURVE TO THE RIGHT, 179.56 FEET, SAID CURVE HAVING A RADIUS OF 543.00 FEET, A CENTRAL ANGLE OF 18°56'49", AND LONG CHORD BEARING S38° 03' 45"E, 178.75 FEET; THENCE N42° 07' 20"E, 972.55; THENCE ALONG A NON-TANGENT CURVE TO THE RIGHT 182.57 FEET, SAID CURVE HAVING A RADIUS OF 450.50 FEET, A CENTRAL ANGLE OF 23°13'09", AND LONG CHORD BEARING N59° 28' 45"W, 181.32 FEET; THENCE N47° 52' 10"W, 36.54 FEET; THENCE S42° 07' 50"W, 24.26 FEET; THENCE N47° 52' 10"W, 90.25 FEET; THENCE N42° 07' 50"E, 412.92 FEET TO THE POINT OF BEGINNING.

EXCEPT COMMENCING AT THE EAST 1/4 CORNER OF SECTION 7; THENCE S88° 35' 38"W, 1292.15 FEET ALONG THE EAST-WEST 1/4 LINE; THENCE N00° 35' 05"W, 629.67 FEET; THENCE ALONG A NON-TANGENT CURVE TO THE LEFT 163.28 FEET, SAID CURVE HAVING A RADIUS OF 693.00 FEET, A CENTRAL ANGLE OF 13°29'59", AND A LONG CHORD BEARING N76° 10' 25"W, 162.90 FEET TO THE POINT OF BEGINNING OF THE EXCEPTED PARCEL; THENCE CONTINUING ALONG SAID CURVE TO THE LEFT 92.66 FEET, SAID CURVE HAVING A RADIUS OF 693.00 FEET, A CENTRAL ANGLE OF 07°39'39", AND A LONG CHORD BEARING N86° 45' 18"W, 92.59 FEET; THENCE S89° 24' 55"W, 73.00 FEET; THENCE N00° 35' 05"W, 93.00 FEET; THENCE N46° 14' 50"E, 41.44 FEET; THENCE S88° 57' 35"E, 76.32 FEET; THENCE ALONG A NON-TANGENT CURVE TO THE LEFT 23.17 FEET, SAID CURVE HAVING A RADIUS OF 25.27 FEET, A CENTRAL ANGLE OF 52°32'32", AND A LONG CHORD BEARING OF S17° 22' 59"E, 22.37 FEET; THENCE ALONG A TANGENT CURVE TO THE LEFT 35.43 FEET, SAID CURVE HAVING A RADIUS OF 81.19 FEET, A CENTRAL ANGLE OF 25°00'12", AND A LONG CHORD BEARING OF S56° 09' 41"E, 35.15 FEET; THENCE S68° 39' 41"E, 33.25 FEET; THENCE S05° 20' 19"W, 72.05 FEET TO THE POINT OF BEGINNING OF THE EXCEPTED PARCEL. CONTAINING 32.37 ACRES.

BENCHMARKS:

BM #1: TOP OF CUT OFF BOLT ON EAST SIDE OF LIGHT POLE BASE "B". LOCATED 75 FEET NORTHWEST OF AND 270 FEET SOUTHWEST OF NORTH CORNER OF BUILDING - 1.7 FEET ABOVE SIDEWALK. ELEVATION: 926.49.

BM #2: TOP OF NORTH BOLT UNDER "7" IN "1987" ON FIRE HYDRANT. LOCATED 55 FEET NORTHWEST OF AND 105 FEET SOUTHWEST OF WEST CORNER OF BUILDING - 1.4 FEET ABOVE GROUND LEVEL. ELEVATION: 925.74.

BM #3: TOP OF CUT OFF BOLT ON EAST SIDE OF LIGHT POLE BASE "A". LOCATED 75 FEET NORTHWEST OF AND 75 FEET SOUTHWEST OF NORTH CORNER OF BUILDING - 2.5 FEET ABOVE GROUND LEVEL. ELEVATION: 926.59.

BENCHMARK DATUM PER ORIGINAL MEIJER CONSTRUCTION DRAWINGS COMPLETED BY THE WBDC GROUP AND PROGRESSIVE IN 1987.

FLOODPLAIN DATA:

THE ENTIRE SITE IS LABELED "ZONE X, AREA OF MINIMAL FLOOD HAZARD" ACCORDING TO FEMA FLOOD MAP PANEL 26161C0362 DATED APRIL 3, 2012.

WETLAND DATA:

THERE ARE NO WETLANDS ON THE PROPERTY ACCORDING TO THE U.S. FISH AND WILDLIFE SERVICE NATIONAL WETLAND INVENTORY MAPS. [OR ENTER OTHER NOTE DESCRIBING WETLANDS]

PARKING DATA:

REGULAR PARKING SPACES:	619
SHARED REGULAR PARKING SPACES:	102
BARRIER FREE SPACES:	22
VAN ACCESSIBLE SPACES:	2
TOTAL:	745

* DOES NOT INCLUDE SPACES OCCUPIED BY CART CORRALS

DEVELOPMENT REFERENCE:

OWNER: MEIJER STORES LIMITED PARTNERSHIP
2929 WALKER AVE, NW
GRAND RAPIDS, MI 49544

CIVIL ENGINEER: PARADIGM DESIGN
ARCHITECT: 550 3 MILE ROAD N.W., SUITE B
GRAND RAPIDS, MI 49544

EXISTING LEGEND

BENCHMARK, SIGN, SIGN WITH BASE, BIKE RACK, CONTROL POINT, MONITORING WELL, BOLLARD POST, DECIDUOUS TREE, UTILITY MANHOLE, CART CORRAL

WATER	ELECTRICAL	STORM SEWER
MANHOLE	MANHOLE	MANHOLE
VALVE	LIGHT POLE	SQUARE CATCH BASIN
HYDRANT	LIGHT POLE WITH BASE	CURB CATCH BASIN
POST INDICATOR VALVE	"MISS DIG" FLAG - ELECTRIC	ROUND CATCH BASIN
SANITARY SEWER	**TELEPHONE**	CLEAN OUT
MANHOLE	MANHOLE	**NATURAL GAS**
CLEAN OUT	PEDESTAL	METER

CONCRETE PAVEMENT
CURB & GUTTER
LANDSCAPE CURB
PROPERTY LINE
925 — 924 CONTOUR LINE
X — X FENCE
WTR WATER MAIN
SAN SANITARY SEWER
STM STORM SEWER
UNDERDRAIN
G NATURAL GAS
UG-E UNDERGROUND ELECTRIC
UG-C UNDERGROUND CABLE

Know what's below. Call before you dig.

NOTE: THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT.

NOTE: ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS FROM FIELD DATA AND AVAILABLE INFORMATION. THEY SHOULD NOT BE INTERPRETED AS EXACT LOCATIONS NOR SHOULD THEY BE ASSUMED TO BE THE ONLY UTILITIES IN THE AREA.

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BRIAN T. BINNOTT
MI - REGISTRATION #6201052169
EXP. DATE 10/31/2019

PROJECT

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ROCKFORD CONSTRUCTION

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PROJECT

1805060

SHEET

EXISTING CONDITIONS

C100

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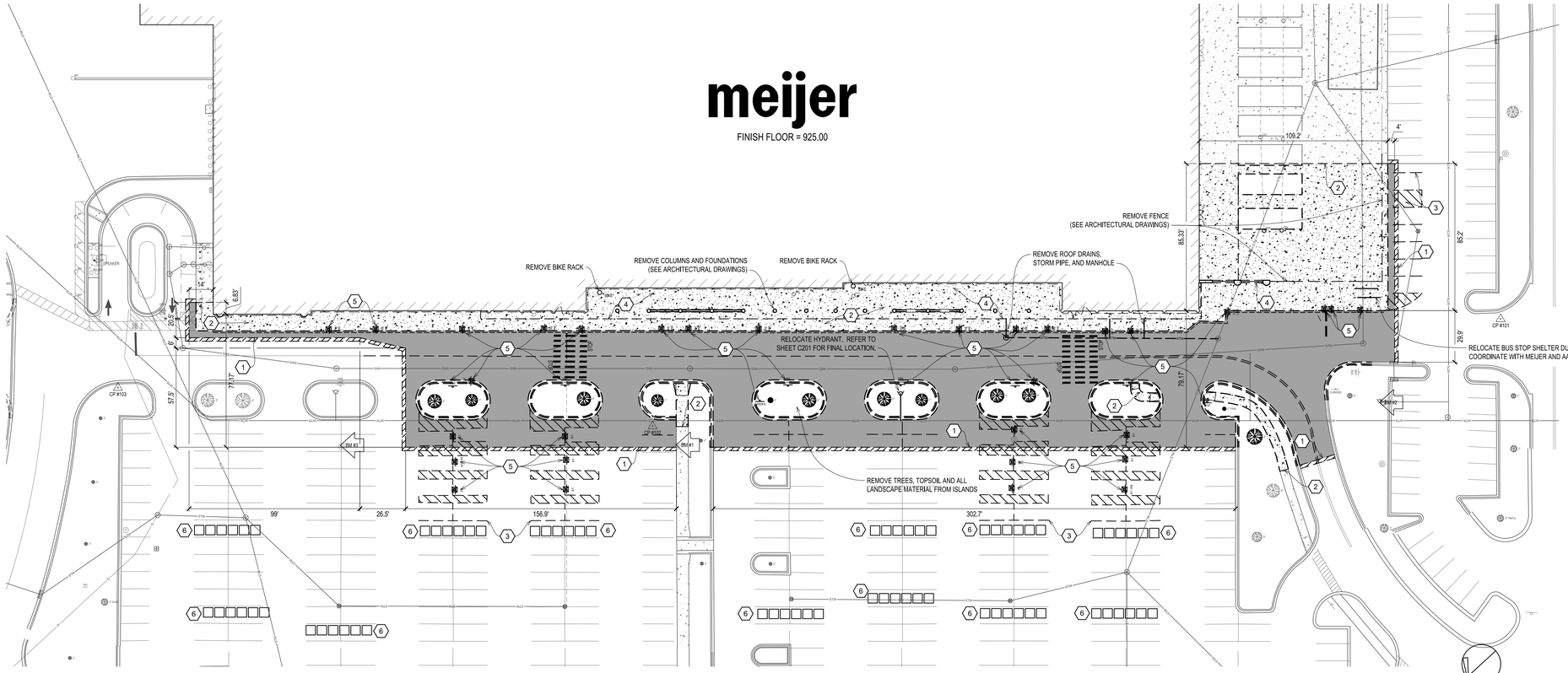


DEMOLITION KEYNOTES:

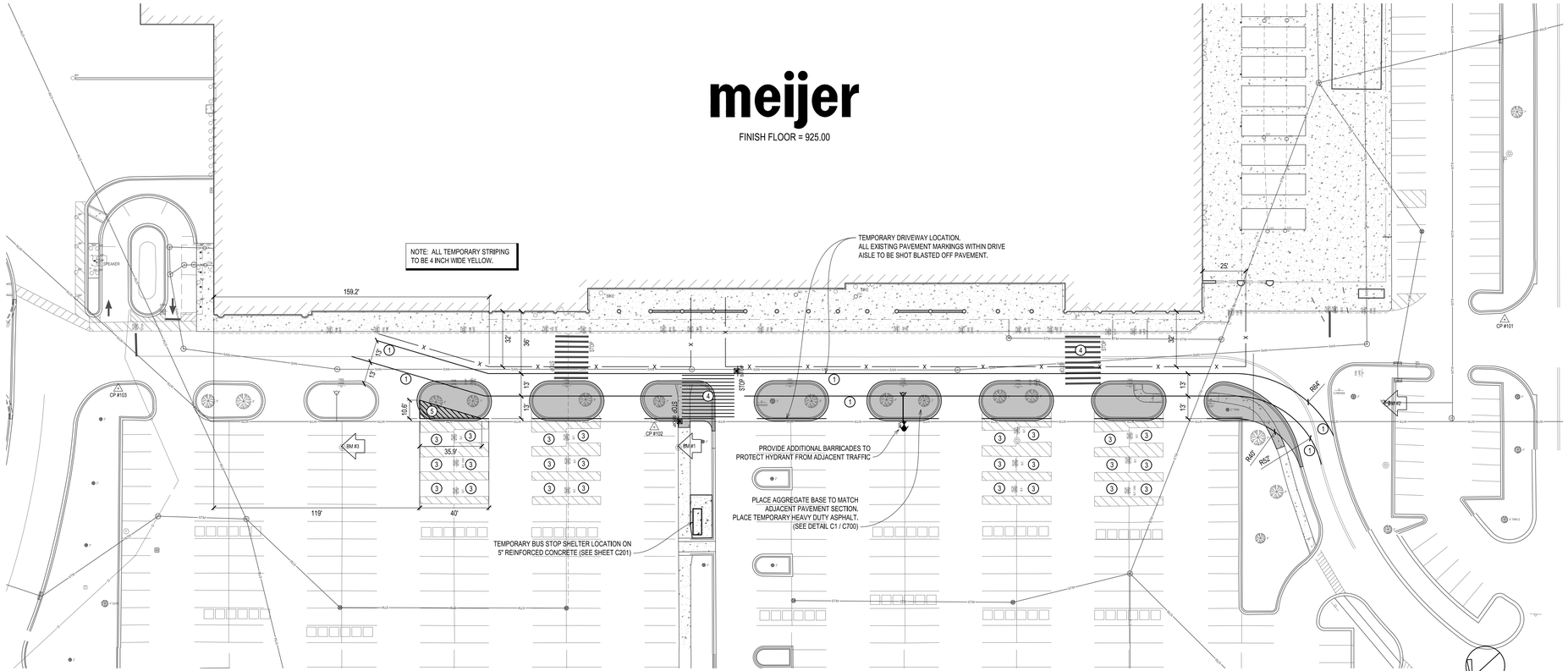
1. SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT.
2. SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT.
3. REMOVE EXISTING PAVEMENT STRIPING BY SHOT BLASTING.
4. REMOVE EXISTING OVERHEAD STRUCTURE & RELATED APPURTENANCES. (SEE ARCHITECTURAL DRAWINGS)
5. RELOCATE EXISTING SIGN AND BASE. (REFER TO SHEET C500 FOR FINAL LOCATION)
6. REMOVE EXISTING CART CORRAL. (REFER TO SHEET C200 FOR FINAL LOCATION)
7. REMOVE & SALVAGE LIGHT POLE. REMOVE BASE.

DEMOLITION LEGEND

	DEMOLITION ITEMS
	REMOVE PAVEMENT
	REMOVE CONCRETE PAVEMENT
	COLD MILL 1 1/2" EXISTING PAVEMENT (DETAIL D3 / C301)
	REMOVE CURB & GUTTER
—— X —— X ——	REMOVE FENCE
	REMOVE PAVEMENT STRIPING
—— WTR —— WTR ——	REMOVE WATER MAIN
—— STM —— STM ——	REMOVE UNDERGROUND UTILITY
	REMOVE UNDER DRAIN

C1 DEMOLITION PLAN

SCALE: 1" = 30'



PAVEMENT STRIPING NOTES:

1. ALL DIMENSIONS MEASURED FROM FACE OF BUILDING.
2. ALL PAVEMENT MARKING SHALL BE YELLOW IN COLOR UNLESS NOTED OTHERWISE.
3. CROSSWALK STRIPING TO BE CENTERED ON THE BUILDING AND GARDEN CENTER ENTRANCES.

STRIPING KEYNOTES:

1. TEMPORARY 4" SINGLE SOLID LINE, YELLOW
2. NOT USED
3. ACCESSIBLE PARKING SPACES (D4 / C500)
4. TEMPORARY CROSSWALK (E5 / C500)
5. NO PARKING AREAS
   - 4" YELLOW STRIPE AT 2' O.C. AT 45° TO PARKING SPACE

PROPOSED LEGEND

	TEMPORARY HEAVY DUTY ASPHALT
—— X —— X ——	CONSTRUCTION FENCE

A1 TEMPORARY DRIVEWAY PLAN

SCALE: 1" = 30'

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DEMOLITION PLAN - TEMPORARY DRIVEWAY PLAN

C101

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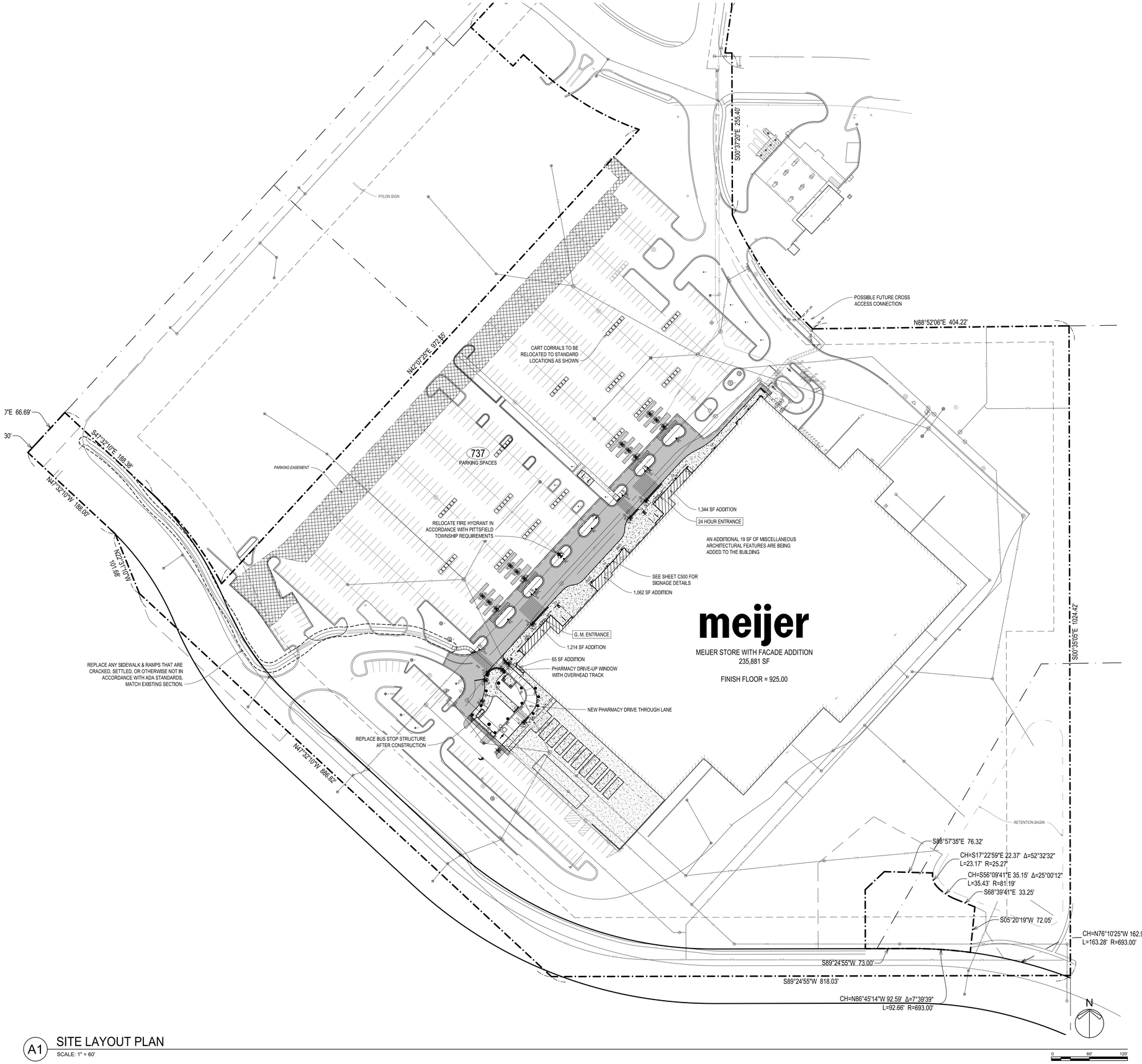

A1 SITE LAYOUT PLAN

SCALE: 1" = 60'

GENERAL NOTES:

1. NO DIMENSION MAY BE SCALED. REFER UNCLEAR ITEMS TO THE ENGINEER FOR INTERPRETATION.
2. DIMENSIONS AND/OR COORDINATES ARE TO BACK OF CURB, UNLESS OTHERWISE NOTED AS FF (FACE TO FACE). CENTERLINE OF BUILDING COLUMN LINE (INSIDE FACE OF PRECAST), EDGE OF PAVEMENT OR CENTER OF STRUCTURE OR SIGN. VERIFY BUILDING DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND PERFORM REQUIRED COMPACTION OPERATIONS.
4. PROVIDE ADEQUATE BARRICADES AT DRIVES, ENTRANCES, EXCAVATIONS AND OTHER OPENINGS TO KEEP OUT UNAUTHORIZED PERSONS AND FOR PUBLIC SAFETY AND TRAFFIC CONTROL. SAFETY PROVISIONS OF APPLICABLE LAWS SHALL BE OBSERVED AT ALL TIMES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
5. NO EQUIPMENT OR MATERIAL STORAGE IS PERMITTED IN THE RIGHT-OF-WAY.
6. WORK SHALL CONFORM TO THE REQUIREMENTS OF MEIJER STANDARD SPECIFICATIONS, GOVERNING AGENCIES HAVING JURISDICTION. GRADING, PAVING AND MATERIALS SHALL COMPLY WITH THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AS WELL AS PROJECT SPECIFICATIONS AND DRAWINGS. IN CASE OF DISCREPANCIES BETWEEN REQUIREMENTS, THE MORE STRINGENT SHALL APPLY.
7. EXTERIOR CONCRETE SLABS ADJACENT TO BUILDING SHALL BE PLACED ON 4" STRUCTURAL CUSHION, UNLESS NOTED OTHERWISE.
8. AGGREGATE TO EXTEND 12" BEYOND BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

SITE PLAN NOTES:

1. STORM DRAINAGE PATTERNS AND STORM WATER MANAGEMENT SHALL REMAIN AS EXISTING. THERE WILL BE NO INCREASE IN STORM WATER QUANTITY OR IMPERVIOUS AREA.
2. NO CHANGES ARE PROPOSED TO EXISTING PUBLIC UTILITIES. [REMOVE NOTE WHEN NOT APPLICABLE]
3. EXISTING BUILDING AND POLE-MOUNTED SITE LIGHTING FIXTURES SHALL REMAIN. ALL NEW LIGHT FIXTURES IN NEW CANOPIES (E.G. PHARMACY DRIVE-UP, BOTTLE RETURN, EMPLOYEE ENTRY) SHALL BE SHIELDED AS REQUIRED BY ZONING ORDINANCE LIGHTING REQUIREMENTS.
4. NEW SIGN CUBES WILL BE PROVIDED AT LIGHT POLES.

FIRE DEPARTMENT NOTES:

1. THE EXISTING BUILDING ADDRESS SHALL REMAIN UNCHANGED.
2. EXISTING FIRE LANES AND FIRE DEPARTMENT ACCESS ROAD WIDTHS SHALL REMAIN.
3. NEW FIRE LANE SIGNS WILL BE PROVIDED WHERE INDICATED ON THE DRAWINGS.

PARKING DATA:

REQUIRED:

COMMERCIAL / RETAIL CENTER (50,000 SFT- 450,000 SFT)	235,883 SFT
1 SPACE PER 300 SFT GRA	787 SPACES

PROPOSED:

MEIJER SPACES *	
REGULAR PARKING SPACES	611
SHARED REGULAR PARKING SPACES	102
BARRIER FREE SPACES	16
VAN ACCESSIBLE SPACES	8
TOTAL SPACES PROVIDED	737

* DOES NOT INCLUDE SPACES OCCUPIED BY CART CORRALS

PROPOSED LEGEND

SIGN
SIGN WITH BASE
BP BUMP POST
HYDRANT
WATER VALVE
LIGHT POLE
CART CORRAL
CONCRETE SIDEWALK
CONCRETE PAVEMENT
HEAVY DUTY ASPHALT
STANDARD CURB & GUTTER
FENCE
UNDERDRAIN

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BRIAN T. BINNOTT
MI - REGISTRATION #62101032169
EXP. DATE 10/31/2019

PROJECT

MEIJER
STORE 064

RESET &
REMODEL

PROJECT NO
CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

PROJECT

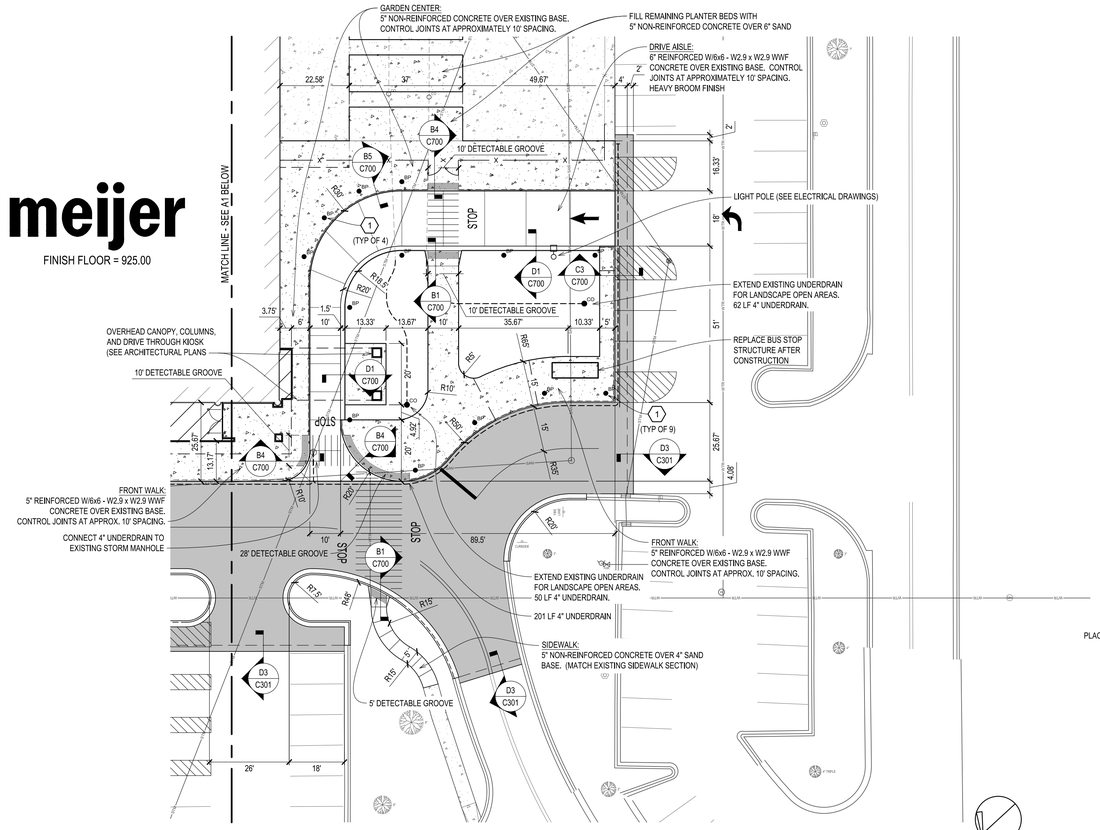
1805060

SHEET

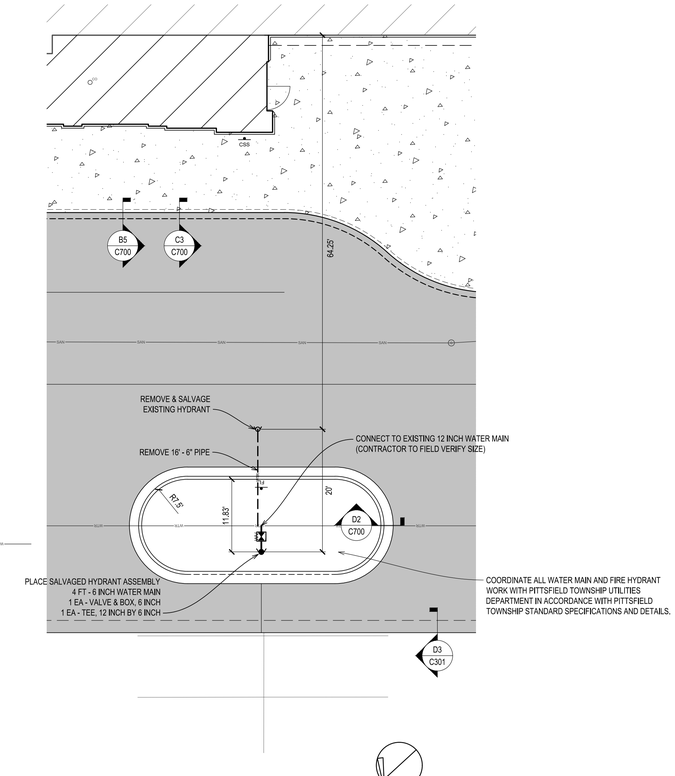
SITE LAYOUT PLAN

C200

Thursday, September 13,2018 at 10:32am O:\1805060 Meijer 064 Ann Arbor Rock\Drawings\Civil\064-C200.dwg jlp



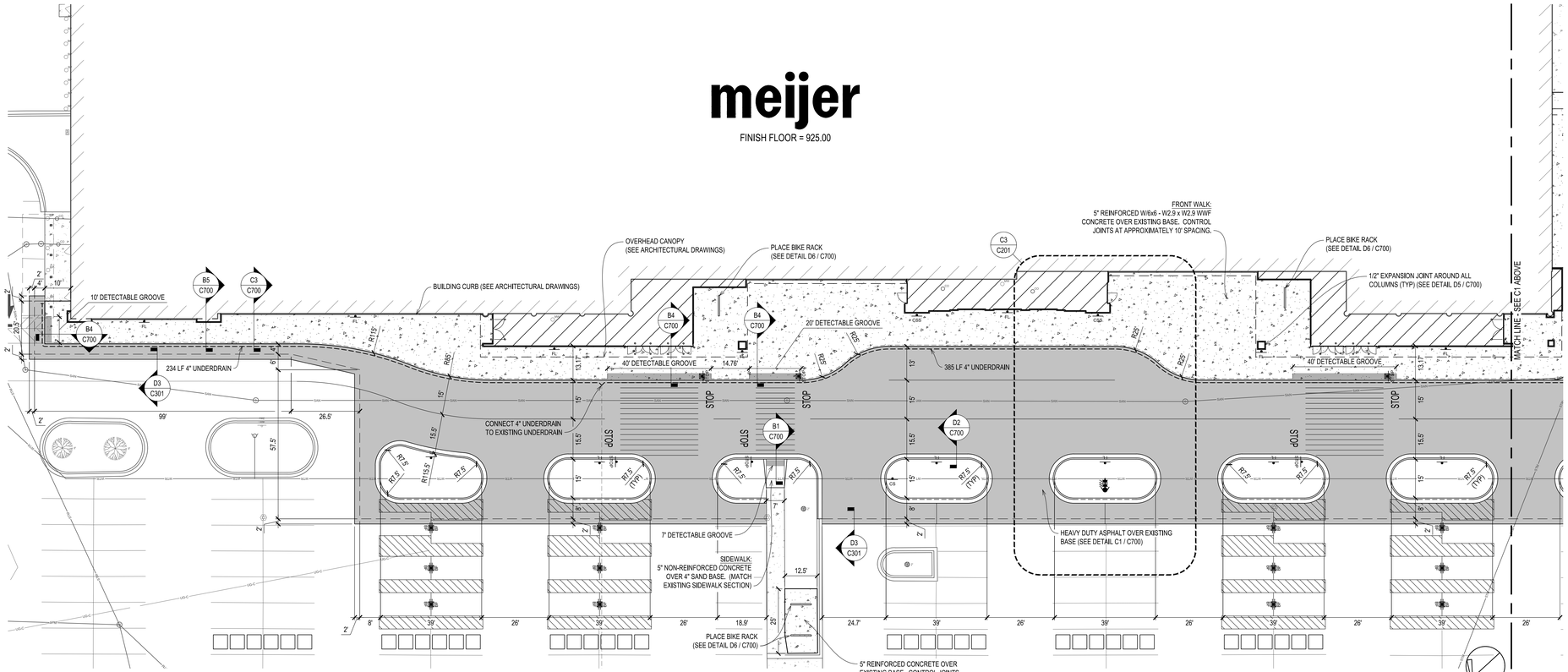
C1 PHARMACY DRIVE UP
SCALE: 1" = 20'



C3 HYDRANT RELOCATION
SCALE: 1" = 10'

SITE PLAN KEYNOTES:

1. DECORATIVE BOLLARD (C5 / C700)



A1 FRONT OF STORE
SCALE: 1" = 20'

SEE SHEET C500 FOR STRIPING AND SIGNAGE

PROPOSED LEGEND

SIGN
SIGN WITH BASE
BUMP POST
HYDRANT
WATER VALVE
LIGHT POLE
CART CORRAL
CONCRETE SIDEWALK
CONCRETE PAVEMENT
HEAVY DUTY ASPHALT
STANDARD CURB & GUTTER
FENCE
UNDERDRAIN

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BRIAN T. SINNOTT
MI - REGISTRATION #6201053219
EXP. DATE 10/31/2019

PROJECT

MEIJER
STORE 064

RESET &
REMODEL

PROJECT NO
CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD
CONSTRUCTION

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9-17-18	FINAL REVIEW

PROJECT

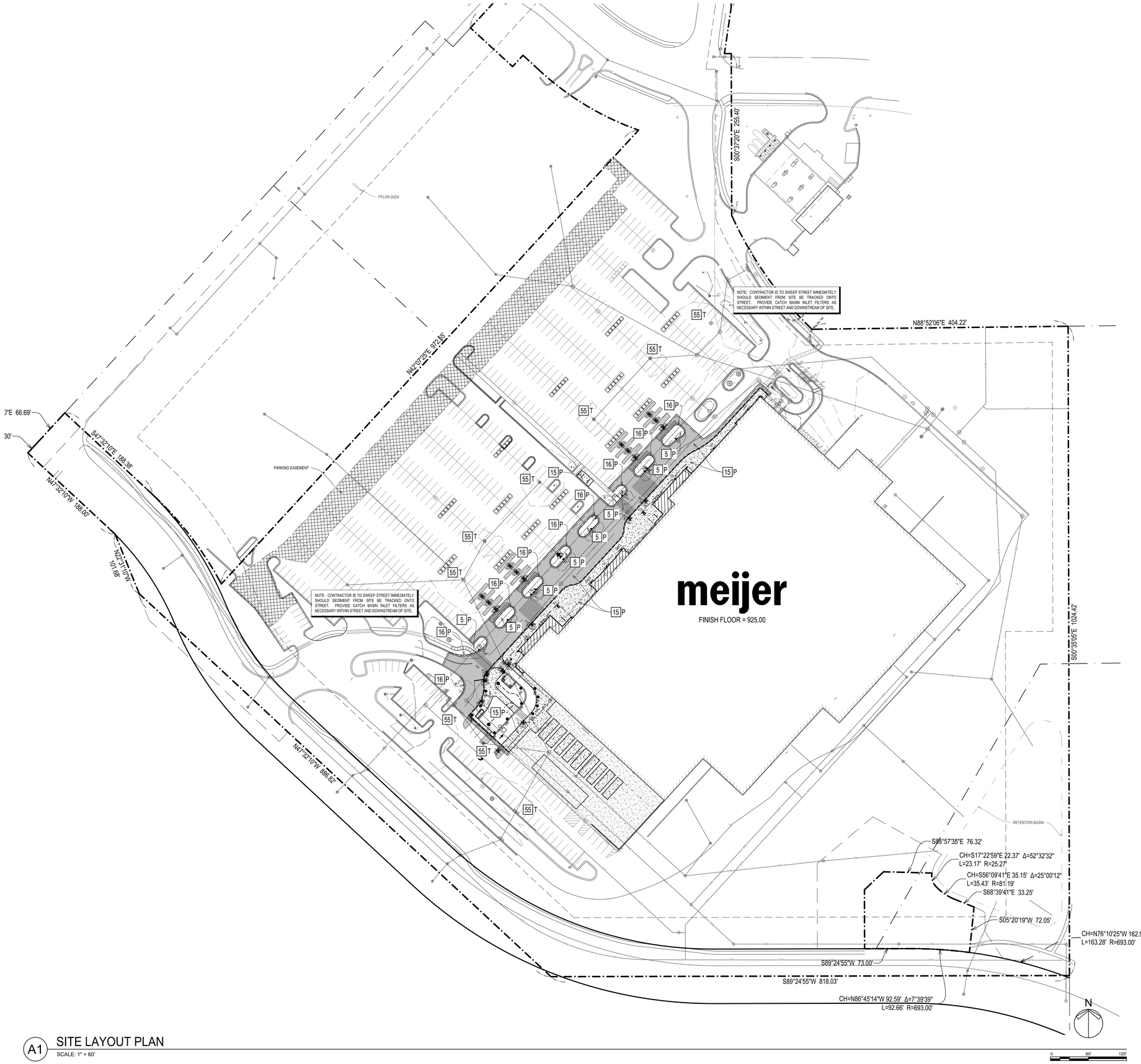
1805060

SHEET

SITE LAYOUT & UTILITY
PLAN

C201

Thursday, September-13-2018 at 10:32am D:\1805060 Meijer-064 Ann Arbor Reset\Drawings\Cad\064-C201.dwg jlo



A1 SITE LAYOUT PLAN

SCALE: 1" = 60'

GRADING NOTES:

1. CONTOURS SHOWN ARE FOR REFERENCE ONLY.
2. PROVIDE POSITIVE DRAINAGE AT ALL TIMES TO ENSURE NO STANDING WATER WITHIN PAVEMENT, BUILDING PAD, OR GREEN AREAS.
3. FOR ALL CURB ISLANDS, CENTER OF ISLANDS TO BE A MINIMUM OF 6" HIGHER THAN TOP OF CURB.
4. SEE "TYPICAL PAVEMENT AT MH AND CB" DETAIL B3 / C700 FOR SPECIAL GRADING REQUIREMENTS AROUND STRUCTURES.
5. RESTORE ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE DITCHES, AND OTHER PUBLIC OR PRIVATE STRUCTURES THAT ARE DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES TO MATCH AT A MINIMUM EXISTING CONDITIONS.
6. CONTRACTOR'S MANNER AND METHOD OF INGRESS AND EGRESS WITH RESPECT TO THE PROJECT AREAS SHALL IN NO WAY PROHIBIT OR DISTURB NORMAL PEDESTRIAN OR VEHICULAR TRAFFIC IN THE VICINITY AND IS SUBJECT TO REGULATION AND WRITTEN APPROVAL OF APPROPRIATE GOVERNING AGENCIES.
7. FINISHED SUBGRADE SURFACE SHALL NOT BE MORE THAN 0.1 FEET ABOVE OR BELOW ESTABLISHED FINISHED SUBGRADE ELEVATIONS AND ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS. FINISHED DITCHES SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION.

GENERAL SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

IT IS THE OWNER'S RESPONSIBILITY TO OBTAIN THE SOIL EROSION PERMIT FROM THE PROPER GOVERNING AUTHORITY.

A CONTRACTOR / INSPECTOR SHALL INSPECT THE SOIL EROSION/SEDIMENT CONTROL DEVICES ONCE EACH WEEK AND/OR WITHIN 24 HOURS OF A PRECIPITATION EVENT WHICH RESULTS IN A STORM DISCHARGE FROM THE SITE.

ALL DISTURBED NON-PAVEMENT AREAS MUST BE RESTORED WITH TOPSOIL, SEED, FERTILIZER, AND MULCH UNLESS SODDED. (SEE LANDSCAPING PLAN)

SEEDING SHOULD BE PREPARED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR / INSPECTOR SHALL INSPECT THE AREA AFTER SEEDING IS COMPLETED. AREAS THAT ARE BARE OR NOT MULCHED PROPERLY WILL NEED TO BE SPOT SEEDED AND/OR RE-MULCHED.

SILT FENCE SHOULD BE TRENCHED IN, BACKFILLED, AND STAPLED OR STAKED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS. MAINTENANCE INCLUDES THE REMOVING OF BUILT-UP SEDIMENT WHEN THE SEDIMENT ACCUMULATES TO 1/3 TO 1/2 THE HEIGHT OF THE FENCE. CONTRACTOR WILL HAVE TO REMOVE, REPLACE, RETRENCH, OR REBACKFILL THE FENCE IF IT FAILS. IT WOULD ALSO BE NECESSARY TO REINSTALL IF ANY PORTION OF THE FENCING WAS DAMAGED BY CONSTRUCTION MACHINERY.

INLET FILTERS SHALL BE SILT SACKS, DANDY BAGS, OR APPROVED EQUAL. INLET FILTERS SHOULD BE INSPECTED FOR BUILDUP OF SILT AND OTHER DEBRIS. THIS IS EVIDENT IF STRUCTURE IS CAUSING FLOODING. MAINTENANCE WOULD CONSIST OF REMOVING OF SEDIMENTS OR REPLACING FILTER AS NECESSARY.

SOIL EROSION CONTROL METHODS SHOWN ARE A GUIDELINE AND DO NOT RELIEVE THE CONTRACTOR FROM ADDITIONAL METHODS THAT MAY BE REQUIRED BY THE SOIL EROSION CONTROL PERMIT.

THE CONTRACTOR WILL ENGAGE A CERTIFIED STORM WATER OPERATOR IN ACCORDANCE WITH EPA PHASE II RULES TO MEET REQUIREMENTS OF THE PERMIT. THIS OPERATOR WILL INSPECT THE JOB SITE AS REQUIRED BY RULE, NOTIFY JOB SITE SUPERINTENDENT OF ANY DEFICIENCIES, AND ENTER FINDINGS IN THE JOB SITE INSPECTION JOB BOOK.

TOTAL DISTURBED AREA = 1.49 ACRES

UNIFIED KEYING SYSTEM
SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

5	SEEDING	16	CURB & GUTTER
15	PAVING	55	GEOTEXTILE INLET FILTER

CONSTRUCTION SEQUENCE	YEAR: 2018											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
STRIPPING & STOCKPILING TOPSOIL												
ROUGH GRADING SEDIMENT CONTROL												
TEMPORARY CONTROL MEASURES												
STORM UTILITIES												
TEMPORARY CONSTRUCTION ROADS												
PERMANENT CONTROL MEASURES												
FOUNDATION / BUILDING CONSTRUCTION												
SITE CONSTRUCTION												
FINISH GRADING												
LANDSCAPING												

GENERAL CONTRACTOR SHALL COMPLETE CONSTRUCTION SEQUENCE SCHEDULE WHEN MAKING APPLICATION FOR SOIL EROSION CONTROL PERMIT.

PROPOSED LEGEND

SIGN
SIGN WITH BASE
BUMP POST
HYDRANT
WATER VALVE
LIGHT POLE
CART CORRAL
CONCRETE SIDEWALK
CONCRETE PAVEMENT
HEAVY DUTY ASPHALT
STANDARD CURB & GUTTER
680 CONTOUR LINE
X X FENCE
UNDERDRAIN
X T TEMPORARY SOIL EROSION & SEDIMENTATION CONTROL MEASURE
X P PERMANENT SOIL EROSION & SEDIMENTATION CONTROL MEASURE

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BRIAN T. SINNOTT
MI - REGISTRATION #6201052169
EXP. DATE 10/31/2019

PROJECT

MEIJER
STORE 064

RESET &
REMODEL

PROJECT NO
CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

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GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

PROJECT

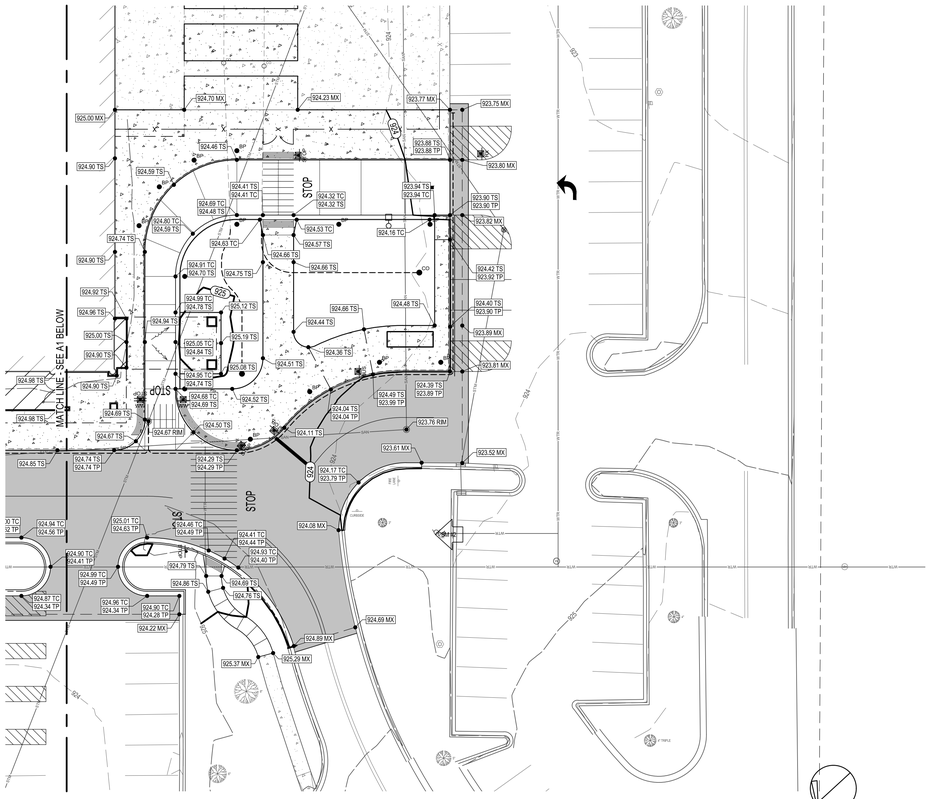
1805060

SHEET

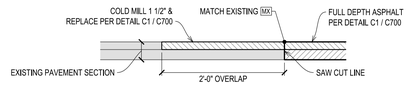
SWPP PLAN

C300

Thursday, September-13-2018 at 10:32am O:\1805060 Meijer 064 Ann Arbor Reset\Drawings\Civil\064-C300.dwg JP



C1 PHARMACY DRIVE UP
SCALE: 1" = 20'



D3 PAVEMENT REMOVAL / REPLACEMENT DETAIL
NOT TO SCALE

GRADING NOTES:

1. ALL SPOT ELEVATIONS ARE TO:
   - TOP OF PAVEMENT - (TP)
   - TOP OF SLAB - (TS)
   - TOP OF CURB - (TC)
   - TOP OF WALL - (TW)
   - GUTTER PAN - (GP)
   - STRUCTURE RIM - (RIM)
   - MATCH EXISTING - (MX)

   UNLESS NOTED OTHERWISE.
2. CONTOURS SHOWN ARE FOR REFERENCE ONLY.
3. PROVIDE POSITIVE DRAINAGE AT ALL TIMES TO ENSURE NO STANDING WATER WITHIN PAVEMENT, BUILDING PAD, OR GREEN AREAS.
4. FOR ALL CURB ISLANDS, CENTER OF ISLANDS TO BE A MINIMUM OF 6" HIGHER THAN TOP OF CURB.
5. SEE "TYPICAL PAVEMENT AT MH AND CB" DETAIL B3 / C700 FOR SPECIAL GRADING REQUIREMENTS AROUND STRUCTURES.
6. RESTORE ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE DITCHES, AND OTHER PUBLIC OR PRIVATE STRUCTURES THAT ARE DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES TO MATCH AT A MINIMUM EXISTING CONDITIONS.
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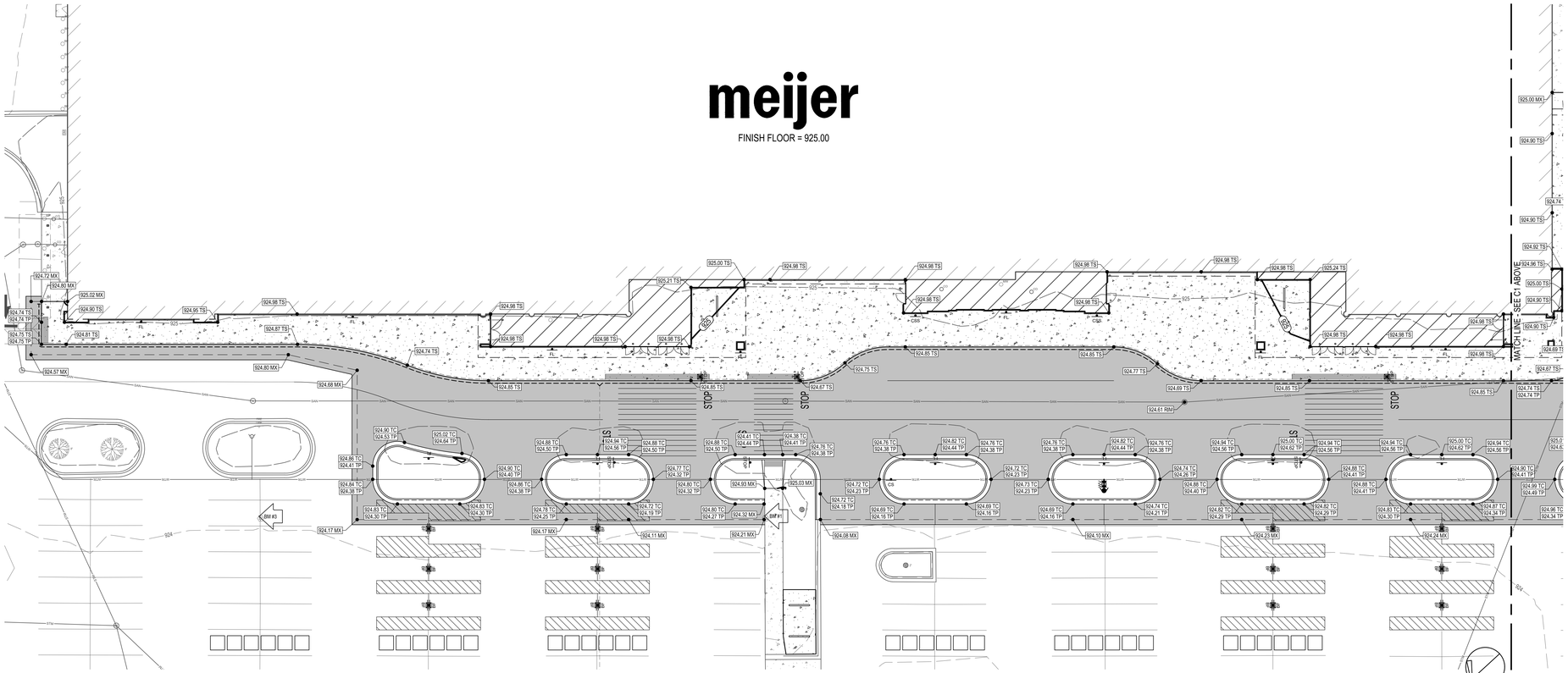

A1 FRONT OF STORE
SCALE: 1" = 20'

PROPOSED LEGEND

SIGN	SIGN WITH BASE	BP	BUMP POST
HYDRANT	WATER VALVE		LIGHT POLE
			CART CORRAL
			CONCRETE SIDEWALK
			CONCRETE PAVEMENT
			HEAVY DUTY ASPHALT
			STANDARD CURB & GUTTER
		680	CONTOUR LINE
			GRADE BREAK
		X	FENCE
			UNDERDRAIN
		675.00 FG	PROPOSED SPOT GRADE

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BRIAN T. SINNOTT
MI - REGISTRATION #6201052169
EXP. DATE 10/31/2019

PROJECT

MEIJER
STORE 064

RESET &
REMODEL

PROJECT NO
CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

RELEASE DATE

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	9-17-18	FINAL REVIEW

PROJECT

1805060

SHEET

GRADING PLAN

C301

Thursday, September-13-2018 at 10:33am D:\1805060 Meijer-064 Ann Arbor Reset\Drawings\Civil\064-C301.dwg jlo

RECTANGLE AREA = 74.2 SQ. FT.

RECTANGLE AREA = 69.4 SQ. FT.

5" DEEP INTERNALLY ILLUMINATED WITH WHITE LED'S. SIDES OF LETTERS PAINTED WHITE.

E1 FRESH / HOME SIGNS
NOT TO SCALE

SURFACE APPLIED WHITE WINDOW VINYL.

6.8 SQ. FT. EACH

ACTUAL GEOMETRY OF LICENSEE SIGN TO MATCH RETAILERS CORPORATE LOGO, INTERNALLY ILLUMINATED

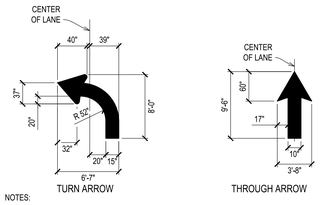
20.0 SQ. FT. EACH

E2 WELCOME SIGN
NOT TO SCALE

NON -ILLUMINATED 1" DEEP EXTERIOR QUALITY FOAM LETTERS. 63.0 SQ. FT.

NON -ILLUMINATED 1" DEEP EXTERIOR QUALITY FOAM LETTERS. 10.0 SQ. FT.

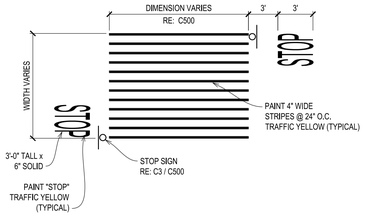
E3 PHARMACY & BOTTLE RETURN SIGN
NOT TO SCALE



NOTES:

1. MARKINGS SHALL BE WHITE WITH REFLECTIVE SURFACES.
2. PAINT MATERIALS PER SPECIFICATIONS EXCEPT FOR WITHIN RIGHT-OF-WAY, MARKINGS WITHIN HIGHWAY RIGHT-OF-WAY SHALL BE PER LOCAL CRITERIA.

E4 PAVEMENT MARKINGS
NOT TO SCALE



NOTE:
SEE SPECIFICATIONS FOR SLIP RESISTANT ADDITIVE TO PAINT FOR CROSSWALKS.

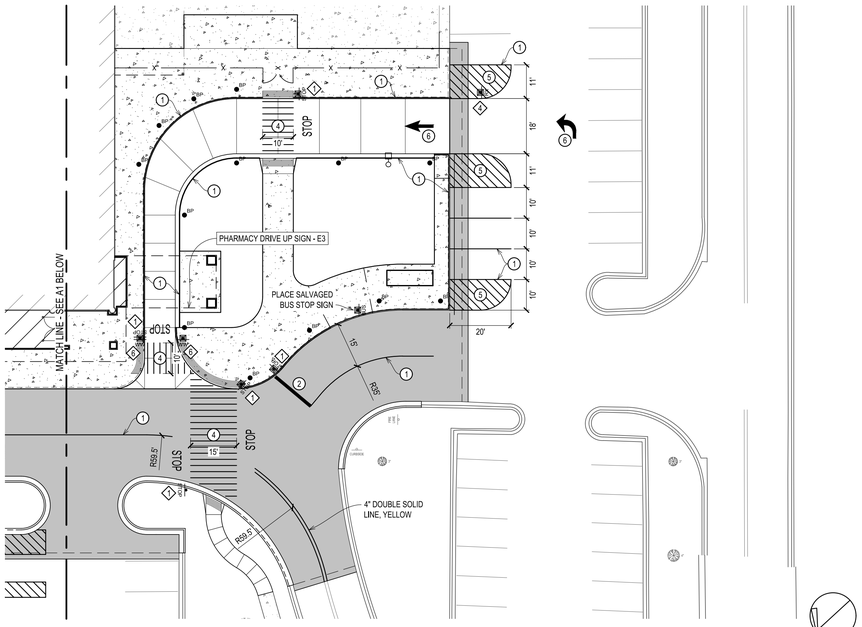
E5 CROSSWALK STRIPING
NOT TO SCALE

PAVEMENT STRIPING NOTES:

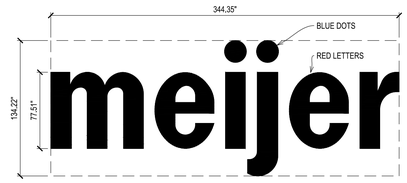
1. ALL DIMENSIONS MEASURED FROM FACE OF BUILDING.
2. ALL PAVEMENT MARKING SHALL BE YELLOW IN COLOR UNLESS NOTED OTHERWISE.
3. CROSSWALK STRIPING TO BE CENTERED ON THE BUILDING AND GARDEN CENTER ENTRANCES.

BUILDING AND SITE SIGNAGE NOTES:

1. STOP SIGNS AND FIRE LANE SIGNS ALONG FRONT OF THE STORE TO BE ON MOVABLE CONCRETE BASES.
2. INSTALL CART CORRALS PROVIDED BY OWNER.



C1 PHARMACY DRIVE UP
SCALE: 1" = 20'



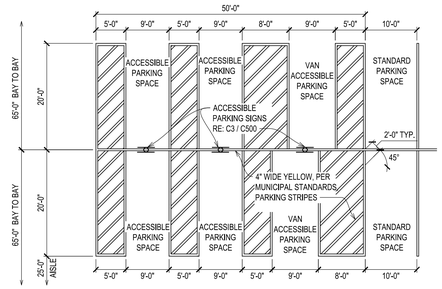
INTERNALLY ILLUMINATED "MEIJER" CHANNEL LETTERS TO MATCH CORPORATE LOGO & COLORS.

SIDES OF LETTERS & RETAINERS TO BE PAINTED TO MATCH RESPECTIVE FACE COLORS.

SIGN CODE: 6'-4" LOGO - WL203

RECTANGLE AREA = 321.0 SQ. FT.

D3 MEIJER LOGO SIGN
NOT TO SCALE



D4 ACCESSIBLE PARKING SPACES
NOT TO SCALE

PROPOSED BUILDING SIGNAGE			
SIGN		QTY	AREA (SFT)
MEIJER LOGO	(NEW)	1	321.0
PHARMACY DRIVE UP	(NEW)	1	63.0
FRESH	(NEW)	1	74.2
HOME	(NEW)	1	69.4
WELCOME (6.8 SFT EA)	(NEW)	2	13.6
LICENSEE (20.0 SFT EA)	(NEW)	4	80.0
BOTTLE RETURN (10.0 SFT EA)	(NEW)	2	20.0
		TOTAL AREA:	661.2 SFT

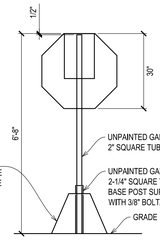
ALL SIGN MATERIAL:
ALLSTATE SIGN AND PLAQUE CORP.,
70 BURT DRIVE DEER PARK, N.Y. 11729,
1-800-645-6330, OR APPROVED EQUAL

STOP SIGNS:
NO. 5-NYR2 REFLECTIVE 30", .080" ALUMINUM WITH SCOTCHLITE, OR APPROVED EQUAL

NO PARKING - FIRE LANE SIGNS:
NO. W-GR-53, 12" X 18" SERIES 100, NON-REFLECTIVE, OR APPROVED EQUAL

INSTALLATION IN PAVED AREAS:
POSTS ARE TO BE LOCATED AS SHOWN ON SIGNAGE PLAN AND SET IN PRECAST REINFORCED CONCRETE SIGN POST BASE AS MANUFACTURED BY BUSH CONCRETE PRODUCTS, MUSKEGON, MI., OR APPROVED EQUAL. MOUNT SIGN TO POST PER MANUFACTURER'S RECOMMENDATIONS.

NOTE: SIGN, POLE AND BASE FURNISHED AND INSTALLED BY CONTRACTOR.



THIS DETAIL IS FOR ALL SITE REGULATORY SIGNAGE (I.E. STOP SIGNS, ACCESSIBLE SIGNS, FIRE LANE SIGNS, ETC.)

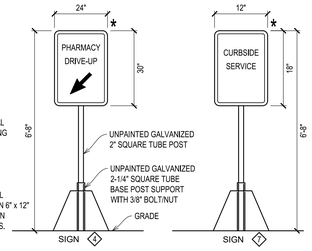
ACCESSIBLE PARKING SIGNS:
NO. 5-HA7-8, REFLECTIVE 0.080: ALUMINUM WITH SCOTCHLITE, OR APPROVED EQUAL.

SUPPLEMENTAL VAN ACCESSIBLE SIGNS:
NO. 5-PR127, REFLECTIVE 0.080: ALUMINUM WITH SCOTCHLITE, OR APPROVED EQUAL.

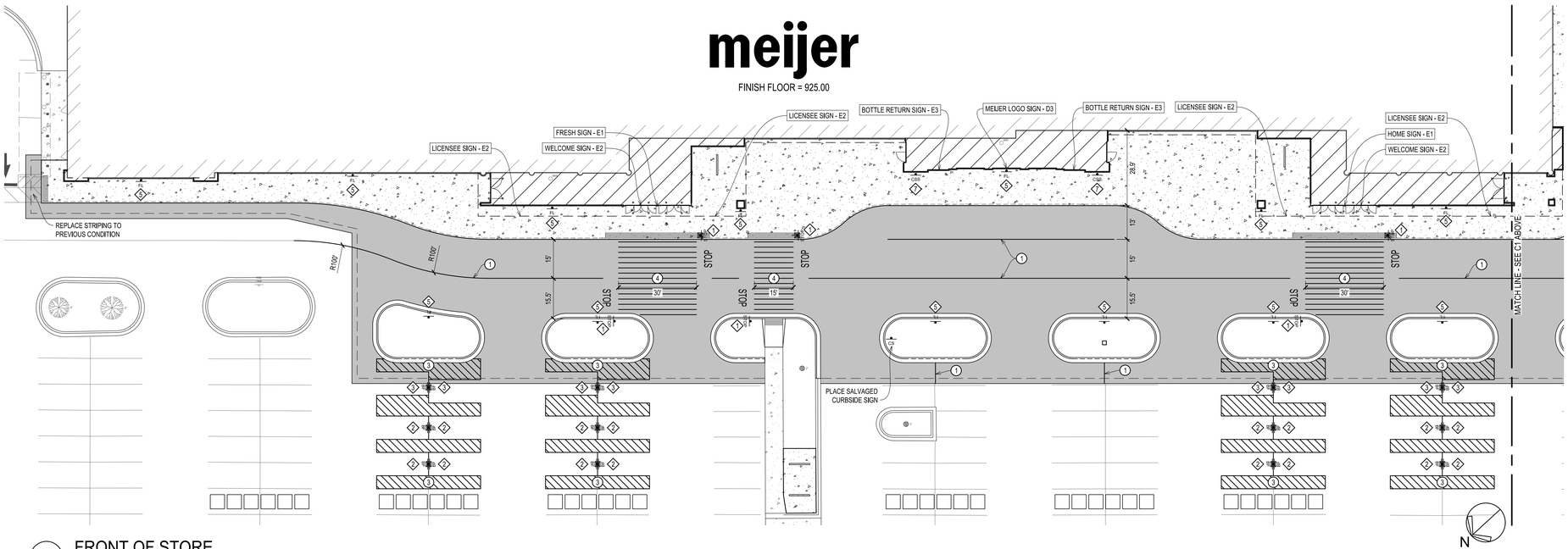
SIGN: STATE MANUAL ACCESSIBLE PARKING SIGN 12" x 18"

SIGN: STATE MANUAL SUPPLEMENTAL SIGN 6" x 12" INSTALL ONLY AT VAN ACCESSIBLE SPACES.

* ALL SPECIAL SIGNS TO BE WHITE BACKGROUND WITH BLACK LETTERING AND BORDER.



C3 TRAFFIC CONTROL SIGNAGE
NOT TO SCALE



A1 FRONT OF STORE
SCALE: 1" = 20'

SIGNAGE KEYNOTES:

1. STOP SIGN (C3 / C500)
2. ACCESSIBLE SIGN (C3 / C500)
3. VAN ACCESSIBLE SIGN (C3 / C500)
4. PHARMACY DRIVE-UP SIGN (C3 / C500)
   - ARROW IN DIRECTION OF PHARMACY
5. NO PARKING - FIRE LANE SIGN (C3 / C500)
6. WRONG WAY SIGN (C3 / C500)
7. CURBSIDE SERVICE SIGN (C3 / C500)

STRIPING KEYNOTES:

1. 4" SINGLE SOLID LINE, YELLOW
2. 12" STOP LINE, WHITE
3. ACCESSIBLE PARKING SPACES (D4 / C500)
4. CROSSWALK (E5 / C500)
5. NO PARKING AREAS
   - 4" YELLOW STRIPE AT 2' O.C. AT 45° TO PARKING SPACE
6. LANE ARROWS, WHITE (E4 / C500)

NOTE: THIS DOCUMENT IS PRELIMINARY IN NATURE AND IS NOT A FINAL, SIGNED AND SEALED DOCUMENT.

NOTE: ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS FROM FIELD DATA AND AVAILABLE INFORMATION. THEY SHOULD NOT BE INTERPRETED AS EXACT LOCATIONS NOR SHOULD THEY BE ASSUMED TO BE THE ONLY UTILITIES IN THE AREA.

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BRIAN T. BINNDTT
MI - REGISTRATION #6201053219
EXP. DATE 10/31/2019

PROJECT

MEIJER
STORE 064

RESET &
REMODEL

PROJECT NO
CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

PROJECT

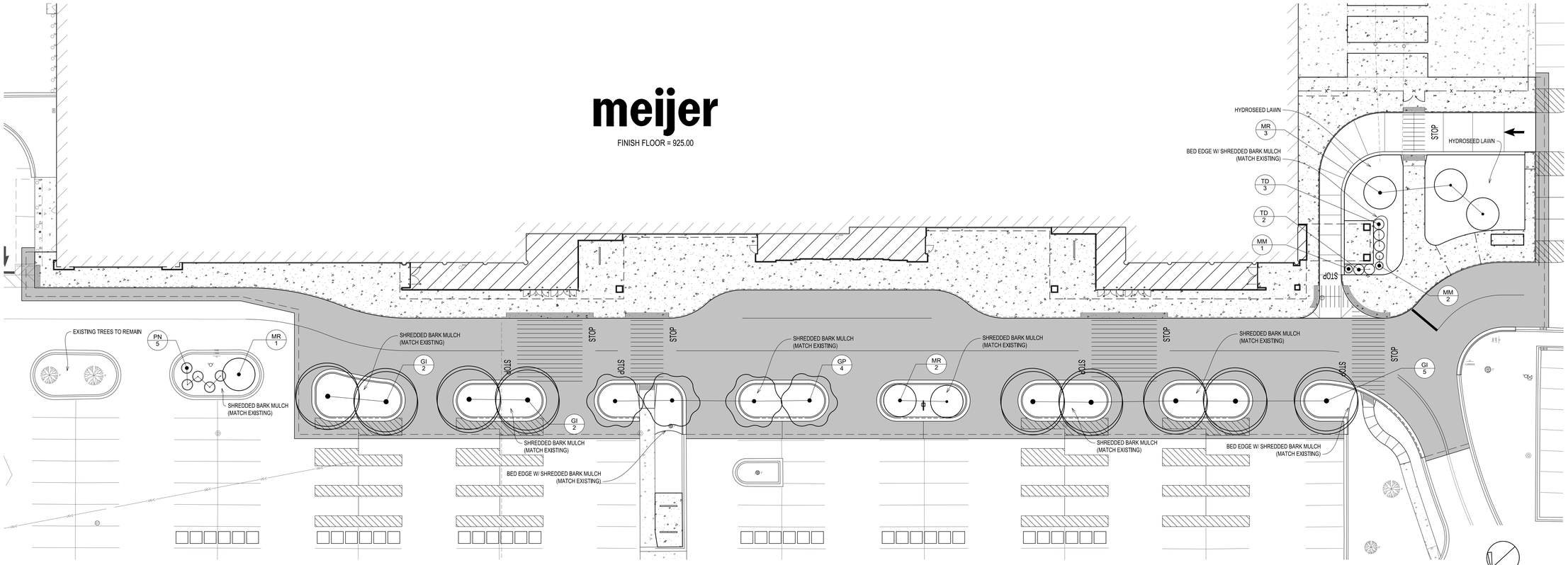
1805060

SHEET

STRIPING & SIGNAGE PLAN

C500

Thursday, September-13-2018 at 10:33am O:\1805060 Meijer 064 Ann Arbor Reno\Drawings\Cad\064-C500.dwg JK



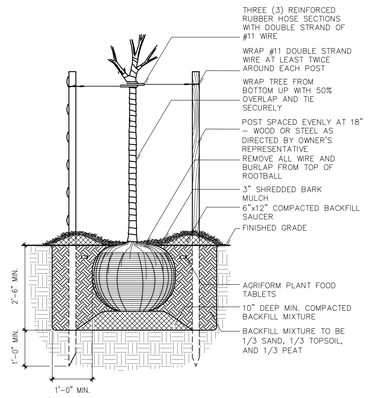
C1 LANDSCAPE PLAN

SCALE: 1" = 20'

0 10' 20' 40'

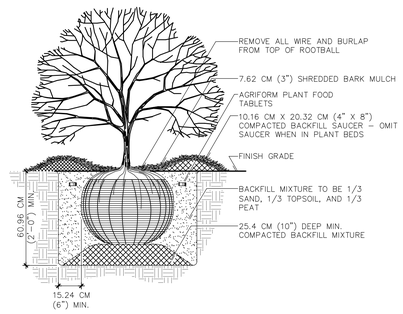
PLANTING NOTES:

1. ALL LANDSCAPING SHALL BE INSTALLED BY A QUALIFIED LANDSCAPE CONTRACTOR TO THE SPECIFIED ON THE LANDSCAPE PLAN. SMALLER SIZES WILL BE REJECTED.
2. ALL PLANTINGS SHALL BE MULCHED WITH 3" SHREDDED PREMIUM HARDWOOD BARK MULCH. TREES IN LAWN AREAS SHALL RECEIVE A 6' DIAMETER BARK RING 3" DEEP.
3. THE LANDSCAPE CONCTRACTOR SHALL REMOVE ANY TWINE THAT IS WRAPPED AROUND THE TRUNK OF A TREE OR SHRUB AS WELL AS THE TOP THIRD OF ANY BURLAP. REMOVE EXCESS SOIL ON THE TOP OF THE ROOT BALL TO EXPOSE THE ROOT FLARE OR FIRST LAYER OF ROOTS PRIOR TO PLANTING. USE A CIRE CUTTER TO MAKE 3-5 CUTS IN THE WIRE BASKET TO ALLOW ROOTS TO GROW THROUGH.
4. PLANTING AREAS SHALL BE EDGED WITH A MECHANICAL BED EDGER AT A DEPTH OF 4" TO DEFINE BORDER FOR SHREDDED BARK MULCH.
5. PARKING ISLAND SHALL BE BACK FILLED WITH TOPSOIL. AMEND THE TOPSOIL WITH COMPOSTED MANURE AND MIX INTO THE TOPSOIL AT A DEPTH OF 6-12". ANY AGGREGATE OR STONE FROM THE CONSTRUCTION OF THE PARKING LOT SHALL BE REMOVED PRIOR TO BACKFILL.
6. MAINTENANCE OF THE LANDSCAPE SHALL BE PROVIDED FOR BY THE OWNER AND INCLUDE FERTILIZING OF LAWN AND PLANT MATERIAL, YEARLY PRUNING, TOP DRESSING OF MULCH AREAS EVERY OTHER YEAR AND PROVIDE 1" OF WATER PER WEEK DURING THE GROWING SEASON.
7. PLANT MATERIALS SHALL BE CHOSEN AND INSTALLED IN ACCORDANCE WITH STANDARDS RECOMMENDED BY THE COUNTY COOPERATIVE EXTENSION SERVICE OR AMERICAN NURSERY ASSOCIATION.
8. ALL LANDSCAPE AREAS SHALL BE IRRIGATED WITH UNDERGROUND AUTOMATIC IRRIGATION SYSTEM. TREES AND SHRUBS WILL BE IRRIGATED BY A SEPARATE ZONE FROM SOD/GRASS; THIS INCLUDES TREES PLANTED IN SOD/GRASS AREA. THE IRRIGATION SYSTEM IS TO HAVE A RAIN SENSOR SHUTOFF INSTALLED.
9. SEED SHALL BE PLACED OVER 4" TOPSOIL IN ALL PROPOSED NOTED SEED AREAS AND ALL AREAS DISTURBED BY CONSTRUCTION. SEE MIXES SHALL BE AS FOLLOWS.
   SEED A
   10% TALL FESCUE
   20% PERENNIAL RYE GRASS
   30% CREEPING RED FESCUE
   40% KENTUCKY BLUEGRASS
   AT 6 LBS. PER 1000 S.F.



1 TREE PLANTING

1/2" = 1'-0"



2 SHRUB PLANTING

1" = 1'-0"

PLANT SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY
	Ginkgo biloba `Princeton Sentry`	Princeton Sentry Ginkgo	2.5" Cal.	B&B	4
	Gleditsia triacanthos inermis `Sunburst`	Sunburst Common Honeylocust	2.5" Cal.	B&B	9
	Malus x `Royal Raindrops`	Royal Raindrops Crabapple	2" Cal.	B&B	6
SHRUBS	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	**CONTAINER**	**QTY**
	Physocarpus opulifolius	Ninebark	3 gal.	Pot	5
	Taxus x media `Densiformis`	Dense Yew	3 gal.	Pot	5
GRASSES	**BOTANICAL NAME**	**COMMON NAME**	**SIZE**	**CONTAINER**	**QTY**
	Miscanthus sinensis `Morning Light`	Eulalia Grass	2 gal.	Pot	3

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CHRISTOPHER L. MARKHAM
MI - REGISTRATION #3901001466
EXP. DATE 07/31/2020

PROJECT

MEIJER
STORE 064

RESET &
REMODEL

PROJECT NO
CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

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ROCKFORD CONSTRUCTION

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

PROJECT

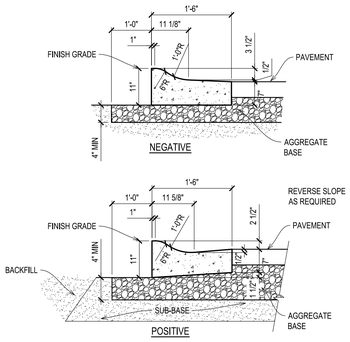
1805060

SHEET

LANDSCAPE PLAN

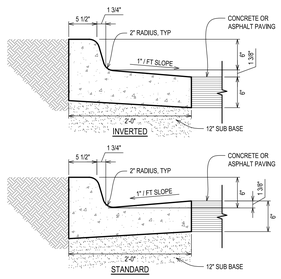
C600

Monday, September 17, 2018 at 9:10am O:\1805060 Meijer 064 Ann Arbor Rock\Drawings\Civil\064-C600.dwg jlp

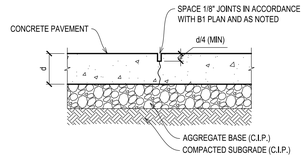


* FOR USE WITHIN THE MEIJER PROPERTY LIMITS.

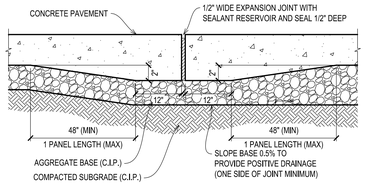
D1 MOUNTABLE CURB & GUTTER
NOT TO SCALE



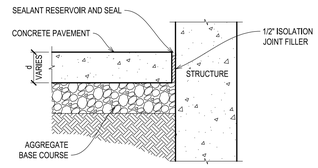
D2 STANDARD CURB & GUTTER
NOT TO SCALE



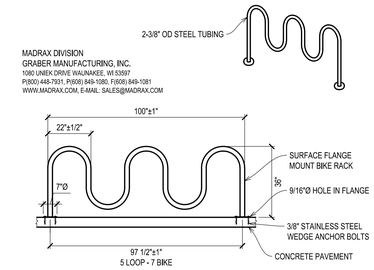
D3 CONTRACTION JOINT
NOT TO SCALE



D4 EXPANSION JOINT
NOT TO SCALE



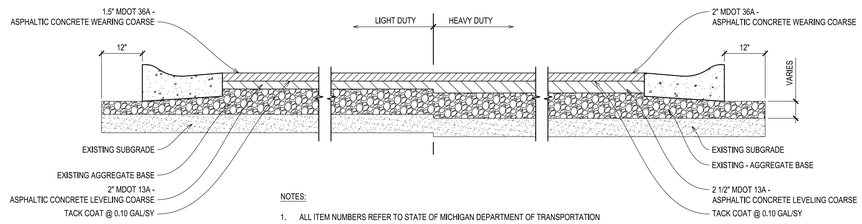
D5 CONCRETE PAVEMENT EDGE
NOT TO SCALE



MADRAX BIKE RACK
PRODUCT: CHP-7-IG(SF)
DESCRIPTION: CHALLENGER PLUS BIKE RACK 7 BIKE, SURFACE MOUNT

NOTES:
1. INSTALL BIKE RACKS ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. CONSULTANT TO SELECT COLOR(FINISH), SEE MANUFACTURER'S SPECIFICATIONS.
3. SEE SITE PLAN FOR LOCATION OR CONSULT OWNER.

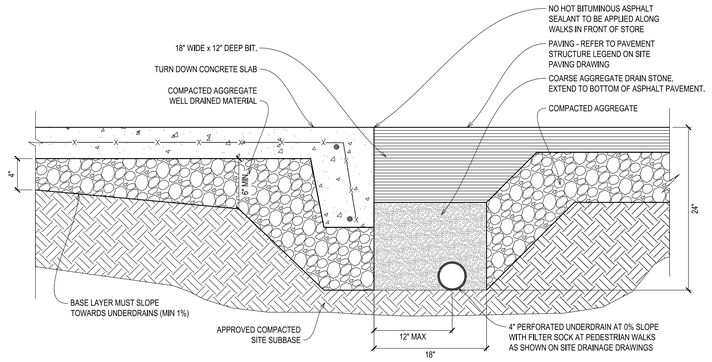
D6 BIKE RACK DETAIL
NOT TO SCALE



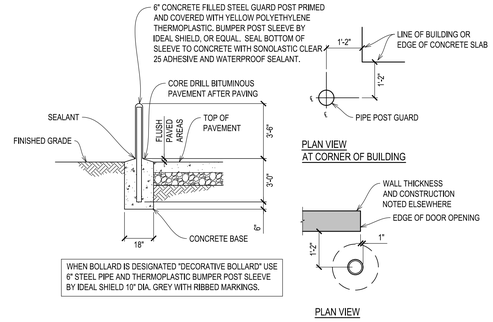
NOTES:

1. ALL ITEM NUMBERS REFER TO STATE OF MICHIGAN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THE SURFACE FOR BOTH TYPES CAN BE COMPLETED AT THE SAME TIME. ALL PAVEMENT JOINTS SHOULD BE SQUARE WITHOUT FEATHERING.
3. SEE SPECIFICATIONS FOR MODIFICATIONS TO STANDARD BITUMINOUS D.O.T. MIXES.
4. IF WEDGING IS REQUIRED, REDUCE LEVELING COURSE THICKNESS TO 1 1/2" AND ADD 1 1/2" MINIMUM BASE COURSE.

C1 LIGHT WEIGHT / HEAVY DUTY PAVEMENT SECTION
NOT TO SCALE

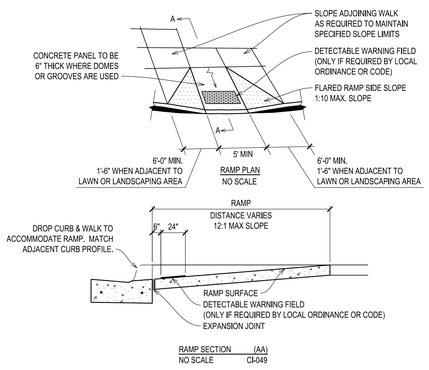


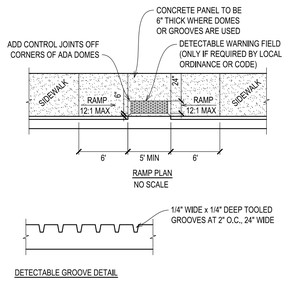
C3 UNDERDRAIN AT CONCRETE SLAB
NOT TO SCALE



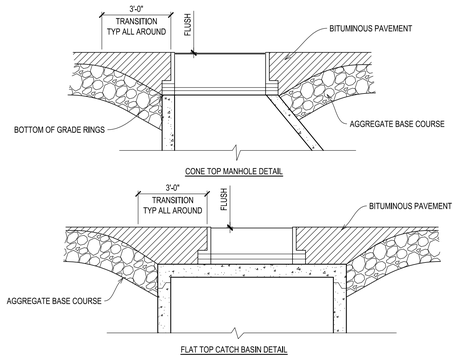
WHEN BOLLARD IS DESIGNATED "DECORATIVE BOLLARD" USE 6" STEEL PIPE AND THERMOPLASTIC BUMPER POST SLEEVE BY IDEAL SHIELD 10" DIA. GREY WITH RIBBED MARKINGS.

C5 GUARD POST DETAIL
NOT TO SCALE

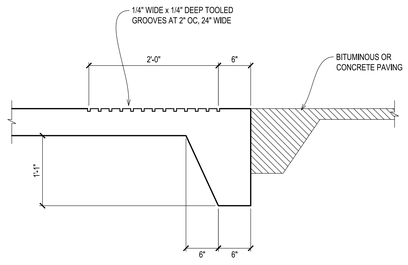




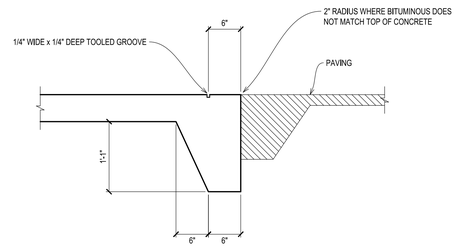
B1 SIDEWALK RAMP DETAILS
NOT TO SCALE



B3 TYPICAL PAVEMENT AT MH AND CB
NOT TO SCALE



B4 SECTION
NOT TO SCALE



B5 SECTION
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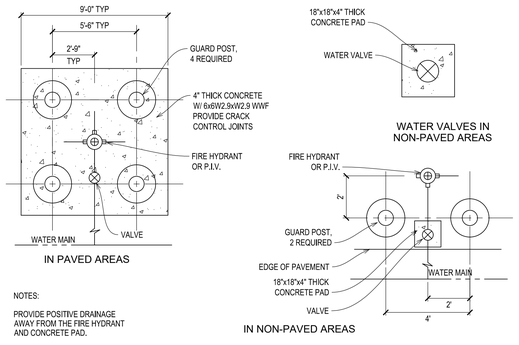
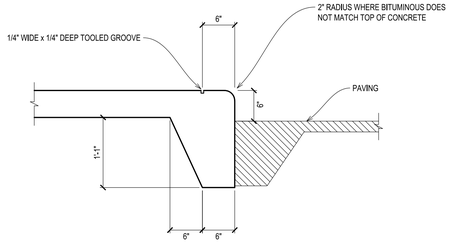


NOTES:

PROVIDE POSITIVE DRAINAGE AWAY FROM THE FIRE HYDRANT AND CONCRETE PAD.

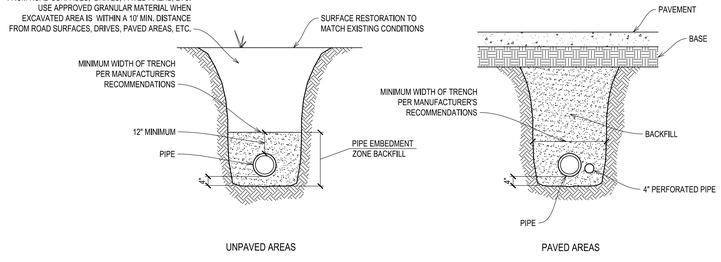
GUARD POSTS NOT REQUIRED WHERE FH IS BEHIND CURB. FIRE HYDRANTS LOCATED IN LOADING DOCK AREAS WILL REQUIRE 2 GUARD POSTS REGARDLESS IF THERE IS CURB.

A1 FIRE HYDRANT AND WATER VALVE LAYOUT
NOT TO SCALE



A2 SECTION
NOT TO SCALE

MAXIMUM TRENCH WIDTH	
PIPE SIZE	TRENCH WIDTH
6" - 12"	30"
15" - 30"	O.D. +16"
36" - 60"	O.D. +24"



A5 UTILITY TRENCH
NOT TO SCALE

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BRIAN T. BINNOTT
MI - REGISTRATION #6201053169
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PROJECT

MEIJER STORE 064

RESET & REMODEL

PROJECT NO CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

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ROCKFORD CONSTRUCTION

RELEASE DATE

	DATE	DESCRIPTION
	9-17-18	FINAL REVIEW

PROJECT

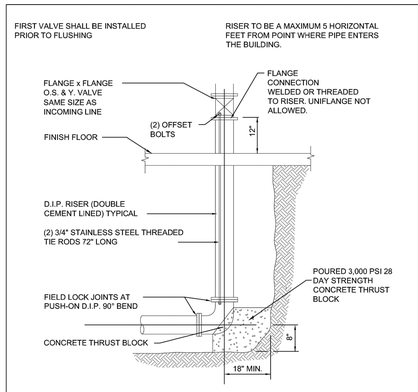
1805060

SHEET

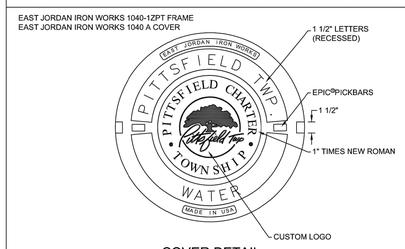
DETAILS

C700

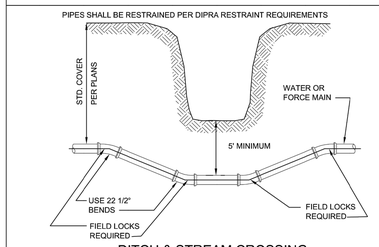
Thursday, September 13 2018 at 10:33am O:\1805060 Meijer 064 Ann Arbor Radio\Drawings\Civil\064-C700.dwg jlo



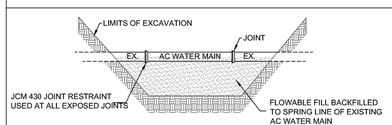
FIRE PROTECTION RISER DETAIL



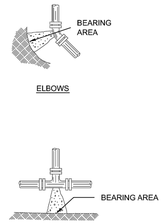
COVER DETAIL



DITCH & STREAM CROSSING



ASBESTOS CEMENT (AC) WATER MAIN



ELBOWS				
PIPE DIA. INCHES	BEARING AREA SQUARE FEET			
	90°	45°	22 1/2°	11 1/4°
4	2.1	1.1	0.6	0.3
6	4.1	2.2	1.1	0.6
8	6.8	3.7	1.9	0.9
10	10.1	5.5	2.8	1.4
12	14.1	7.6	3.9	2.0
16	24.2	13.0	6.7	3.3
18	30.0	16.3	8.3	4.2
20	36.8	19.9	10.1	5.1

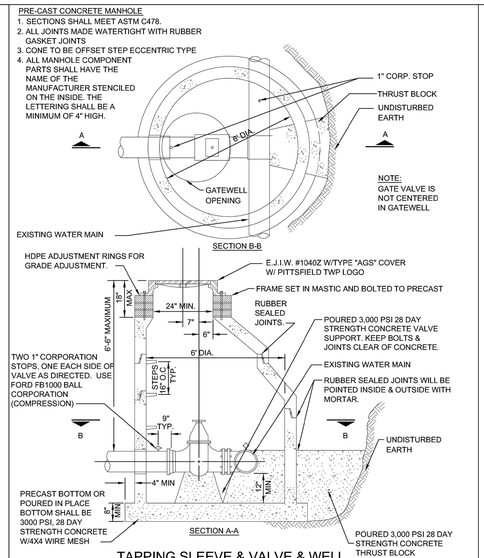
TEES, CROSSES & HYDRANTS	
PIPE DIA. INCHES	BEARING AREA SQUARE FEET
4	1.5
6	2.9
8	4.8
10	7.1
12	10.0
16	17.1
18	21.0
20	26.0

NOTES:
1. CONCRETE FOR ALL THRUST BLOCKS SHALL BE 3000 PSI, 28 DAY STRENGTH MIN.
2. ALL THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED EARTH
3. BOLTS, FITTINGS & JOINTS SHALL BE KEPT CLEAR OF CONCRETE
4. A BEARING CAPACITY OF 2000# PER FOOT WAS USED IN DETERMINING THE MINIMUM "BEARING AREAS" IN THE ABOVE TABLE
5. THE CROSS SECTION OF THE THRUST BLOCKS SHALL BE SQUARE
6. IN ADDITION TO THRUST BLOCKS, ALL PIPE JOINTS SHALL BE RESTRAINED WITH LOCKING GASKETS PER DIPRA'S STANDARDS.

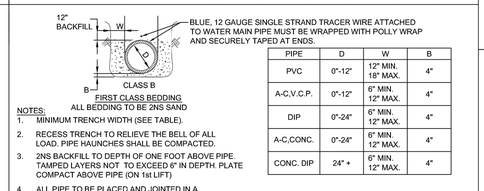
SOIL CHARACTERISTICS	FACTOR
(A) LOOSE COARSE OR MEDIUM SAND; COMPACT FINE SAND; COMPACT SAND-CLAY SOILS; STIFF CLAY	0.33
(B) FIRM FINE SAND; COMPACT INORGANIC SILT; FIRM SAND-CLAY SOILS; MEDIUM CLAY	0.50
(C) LOOSE FINE SAND; FIRM INORGANIC SILT	0.67
(D) LOOSE SAND-CLAY SOILS; LOOSE INORGANIC SILT SOFT CLAY	1.00

"BEARING AREA" x FACTOR = ACTUAL BEARING AREA
2.1 x .5 = 1.05 SQ. FT.
BASED UPON 150# TEST PRESSURE

THRUST BLOCK



TAPPING SLEEVE & VALVE & WELL

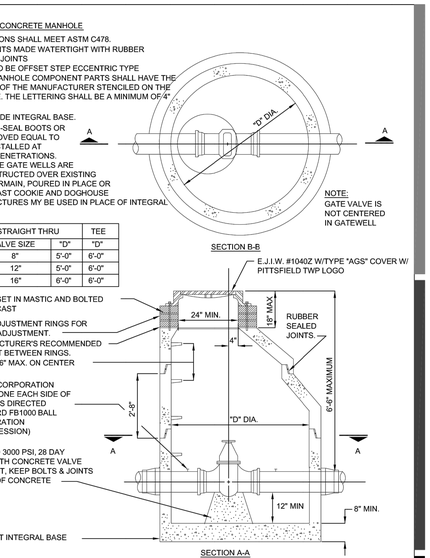


ALL BEDDING TO BE 2NS SAND

NOTES:
1. MINIMUM TRENCH WIDTH (SEE TABLE).
2. RECESS TRENCH TO RELIEVE THE BELL OF ALL LOAD. PIPE HAUNCHES SHALL BE COMPACTED.
3. 2NS BACKFILL TO DEPTH OF ONE FOOT ABOVE PIPE. TAMPED LAYERS NOT TO EXCEED 6" IN DEPTH. PLATE COMPACT ABOVE PIPE (ON 1st LIFT)
4. ALL PIPE TO BE PLACED AND JOINTED IN A DRY TRENCH AND LAID ACCURATELY TO LINE AND GRADE WITH BELLS UPHILL.
5. ALL CONCRETE ENCASEMENT AND CRADLING TO BE CLASS "A" CONCRETE.

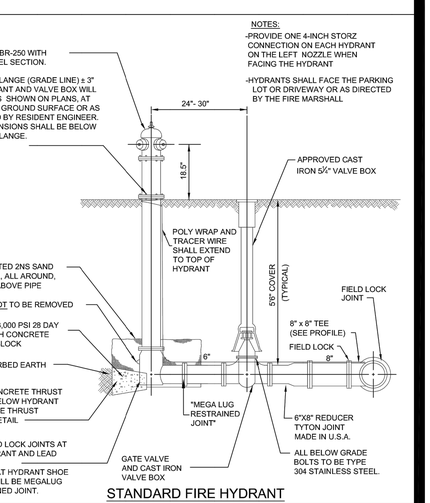
PIPE	D	W	B
PVC	0"-12"	12" MIN. 18" MAX.	4"
A-C,V.C.P.	0"-12"	6" MIN. 12" MAX.	4"
DIP	0"-24"	6" MIN. 12" MAX.	4"
A-C,CONC.	0"-24"	6" MIN. 12" MAX.	4"
CONC. DIP	24" +	6" MIN. 12" MAX.	4"

BEDDING

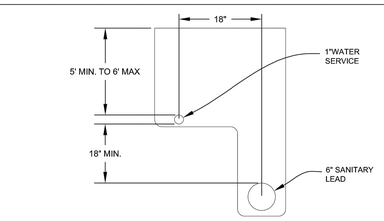


STRAIGHT THRU		TEE
VALVE SIZE	"D"	"D"
8"	5'-0"	6'-0"
12"	5'-0"	6'-0"
16"	6'-0"	6'-0"

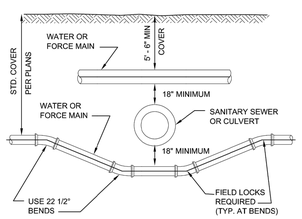
STANDARD GATE VALVE & WELL



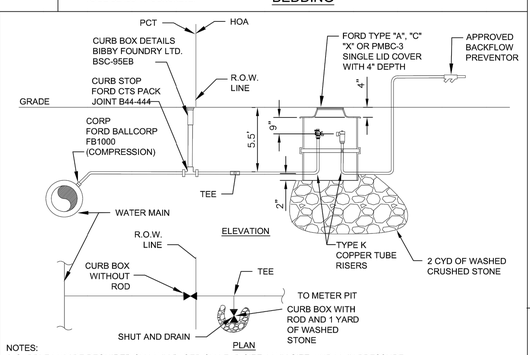
STANDARD FIRE HYDRANT



TYPICAL L TRENCH DETAIL HOUSE LEADS

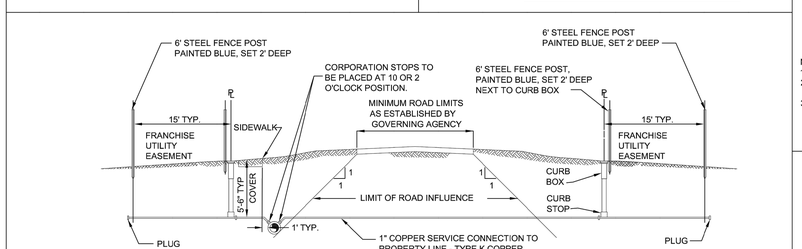


SEWER OR CULVERT CROSSING

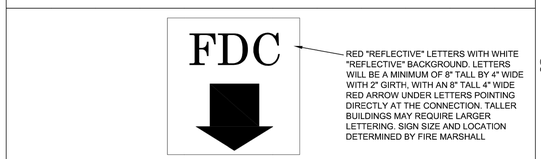


NOTES:
1. SADDLE MAY BE REQUIRED ON MAIN BASED ON LEAD SIZE, MAIN SIZE, AND MAIN PRESSURE
2. ALL WATER MAIN TAPS AND COMPONENT PARTS SHALL BE APPROVED BY THE PITTSFIELD TOWNSHIP UTILITIES DEPARTMENT PRIOR TO INSTALLATION.
3. INSTALLATION SHALL BE INSPECTED AND APPROVED BY THE PITTSFIELD TOWNSHIP UTILITIES DEPARTMENT.

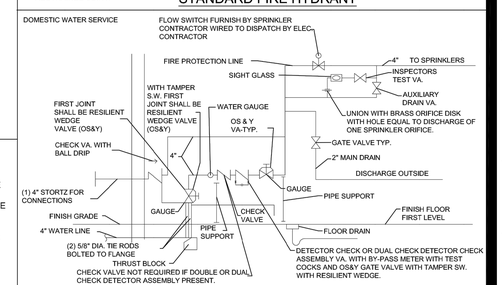
IRRIGATION METER PIT DETAIL



WATER MAIN CONNECTION



FIRE DEPARTMENT CONNECTION LABEL DETAIL



METER ROOM DETAIL

PARADIGM DESIGN
ARCHITECTS | ENGINEERS
GRAND RAPIDS
550 3 Mile NW Suite B
Grand Rapids, MI 49544
(616) 785-5656
TRAVERSE CITY
333 E. State Street
Traverse City, MI 49684
(231) 346-3030
www.paradigmae.com

PROJECT

MEIJER STORE 064

RESET & REMODEL

PROJECT NO CP-19-00064

3145 ANN ARBOR-SALINE ROAD
ANN ARBOR, MI 48103

OWNER

meijer

2350 3 MILE RD. N.W.
GRAND RAPIDS, MICHIGAN

CONSTRUCTION MANAGER

ROCKFORD CONSTRUCTION

Pittsfield Charter Township
6201 W. Michigan Ave.
Ann Arbor, MI 48108-9721
48108-9721
Tel. 734.822.3101
www.pittsfield-mi.gov

Revision	By	Appd.	YY.MM.DD
UPDATES	MRH	DRW	14.01.24
FDC UPDATE	BWA	DRW	11.09.13
TWP REV	BWA	DRW	11.04.27
HYDRANT, MANHOLE UPDATE	BWA	DRW	10.10.25
UPDATES	TTN	DRW	10.01.20

Issued	By	Appd.	YY.MM.DD
File Name: W-01	BWA	DRW	07.10.01
	Dwn.	Chkd.	Dsgn. YY.MM.DD

Permit-Seal

Client/Project
PITTSFIELD TOWNSHIP

Pittsfield Township, Michigan

Title
WATER MAIN DETAILS

Project No. 2075001300

Scale NOT TO SCALE

Revision

RELEASE DATE

DATE	DESCRIPTION
9-17-18	FINAL REVIEW

PROJECT
1805060

SHEET
WATER MAIN DETAILS
C701

Thursday, September-13-2018 at 10:23am O:\1805060 Meijer 064 Ann Arbor Reset\Drawings\Civil\064-C700.dwg jlo