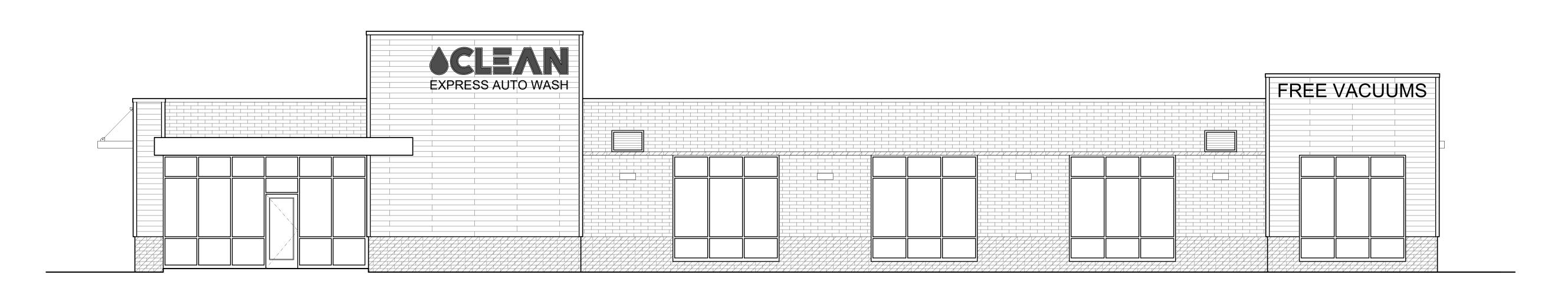
# SBA STUDIOS PROJECT 2023-166

# CLEAN EXPRESS AUTO WASH

10 E. AUBURN ROAD, ROCHESTER HILLS, MI 48307



| LOCATION MAP | GENERAL LEGEND  | LIFE SAFETY PLAN |
|--------------|---|------------------|
|              | EARTH  TALL  TO CONCRETE  CONCRETE  CONCRETE  ALL  TO COLUMN LINE  WALL TYPE  BRICK  WOOD - ROUGH FRAMING  WOOD - FINISHED  WINDOW TYPE  ELEVATION HEIGHT  STEEL  BATT INSULATION |                  |

# INDEX OF DRAWINGS

A0-0 COVER SHEET A1-1 FLOOR PLAN A1-2 ROOF PLAN A2-1 EXTERIOR ELEVATIONS

A6-1 SITE DETAILS

# **CODE INFORMATION**

APPLICABLE CODES
- MICHIGAN BUILDING CODE 2015 - MICHIGAN MECHANICAL CODE 2015 - MICHIGAN PLUMBING CODE 2018

- MICHIGAN ELECTRICAL CODE 2017 - 2017 NFPA 70 NATIONAL ELECTRICAL CODE - MICHIGAN BUILDING CODE 2015, CHAPTER 11 ICC A117.1-200

BUILDING DATA
- BUILDING SQUARE FOOTAGE 3,676 S.F. - ALLOWABLE BUILDING SIZE ,000 S.F.

HEIGHT TABLE 504.3 ALLOWABLE 40-0" PROPOSED 22-4"

STORIES ABOVE GRADE TABLE 504.4 ALLOWABLE 2 PROPOSED 1

- CONSTRUCTION TYPE

MAXIMUM OF OCCUPANTS 15 PERSONS

MEANS OF EGRESS OBC CHAPTER 10
- MAXIMUM TRAVEL DISTANCE TABLE 1017.2 200 -0"
- EGRESS WIDTH 1005.3.2 0.2" PER OCCUPANT - CORRIDOR RATING TABLE 1020.1 0 HOUR

- DEAD END CORRIDOR 1020.4 20 -0" OR GREATER

FIRE PROTECTION
- BUILDING IS NOT EQUIPPED WITH A SPRINKLER SYSTEM
- FIRE EXTINGUISHERS 1 PER 75 LINEAR FEET OF TRAVEL

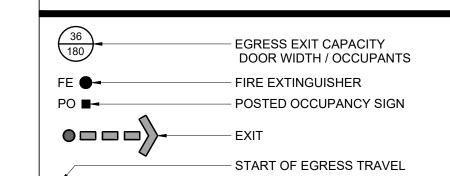
INTERIOR WALL AND CEILING REQUIREMENTS OBC TABLE 803.11
- EXIT ENCLOSURES A

- CORRIDORS - ROOMS ENCLOSED SPACES

# **GENERAL NOTES**

ANY CHANGES TO THESE DRAWINGS MUST BE REPORTED TO SBA STUDIOS, LLC IMMEDIATELY IN WRITING. SBA STUDIOS, LLC ASSUMES NO RESPONSIBILITY FOR CHANGES TO THESE DRAWINGS THAT ARE NOT REPORTED TO THE ARCHITECT.

# LIFE SAFETY LEGEND



**Ğ** → − − ► **GRESS PATH OF TRAVEL** 

DATE ISSUED WITH CHANGE DESCRIPTION

10 E. AUBURN ROAD ROCHESTER HILLS, MI 48307

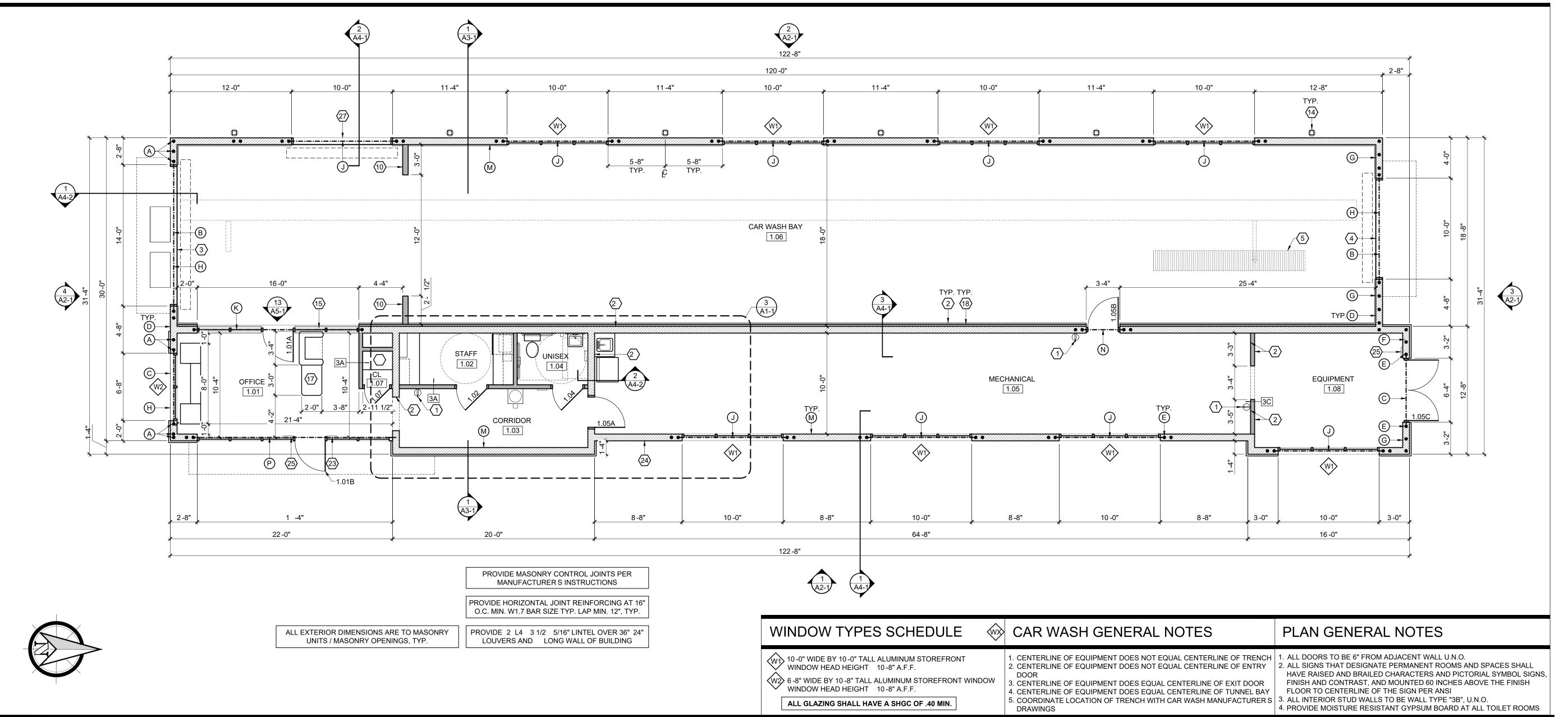




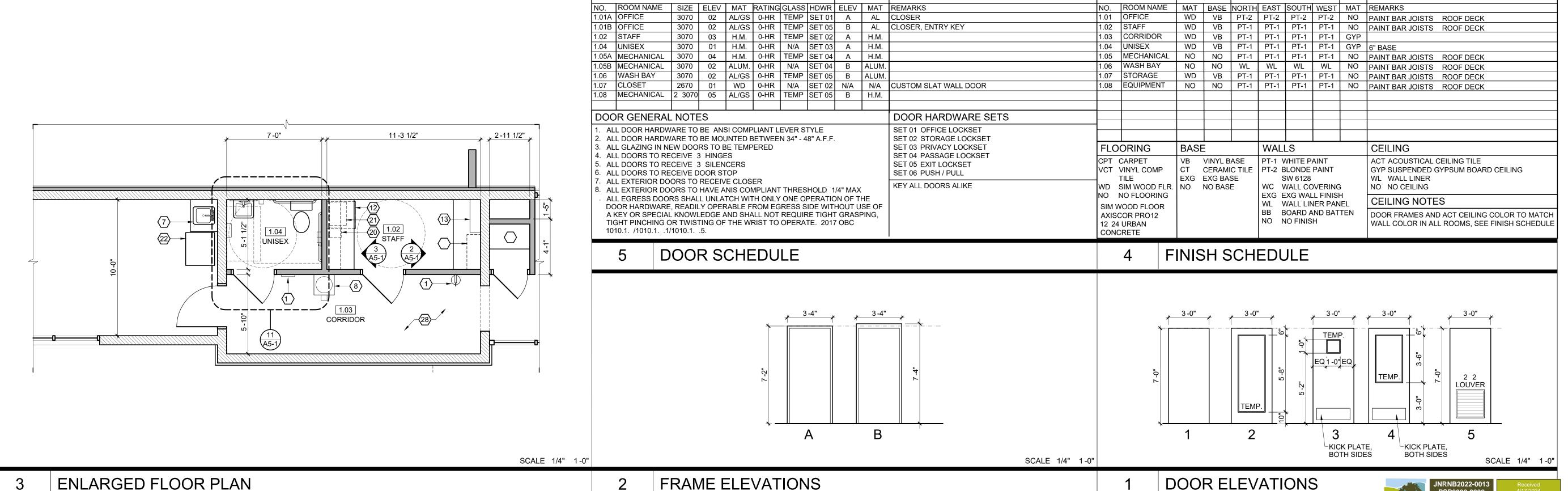
SCALE VARIES

DATE 08.28.2023





FLOOR PLAN



FRAME

DOOR

FLOOR PLAN CODED NOTES

1. WALL MOUNTED FIRE EXTINGUISHER. EXTINGUISHER TO BE RED ENEMELED FINISH HEAVY DUTY STEEL CYLINDER. UL AND

FM APPROVED. ABC MULTI PURPOSE DRY CHEMICAL, 10 LB CAPACITY UL RATED 4A 60B C, HOSE TYPE, UPRIGHT, SQUEEZE

GRIP OPERATION 2. INTERIOR WALL LINER PANEL

3. 14-0" 8-0" OVERHEAD DOOR 4. 10-0" 8-0" OVERHEAD DOOR

5. CAR WASH TRENCH, SEE MANUFACTURER'S DRAWINGS 6. DECORATIVE AWNING W/ BRACKETS, CENTER OVER WINDOWS /

DEDICATED COMMERCIAL GRADE SINK FOR UTILITY SINK

8. ANSI COMPLIANT BOTTLED WATER COOLER WITH CUP

DISPENSER 12" DEEP SHELVING W/ STANDARDS AND BRACKETS

PANEL BOTH SIDES 11. NOT USED

12. UNDER COUNTER REFRIGERATOR

13. SERVER RACK, SEE SHEET A5-1

14. DOWNSPOUT

15. ALUMINUM STOREFRONT SYSTEM, WINDOW HEAD HEIGHT 8-0", SEE ELEVATION 13/A5-1, PROVIDE 1" INSULATED GLASS

10. WIND WALL, P.T. 2 6 WALL W/ 7/16" OSB SHEATHING LINER

17. RECEPTIONIST DESK BY OTHERS. ANSI COMPLIANCE IS THE

RESPONSIBILITY OF THE DESK DESIGNER 18. PROVIDE 2 1/2" METAL Z-FURRING STRIPS 24" HORIZONTAL

W/ MIN R-13 RIGID INSULATION IN FURRING CAVITIES W/ 5 MIL VAPOR BARRIER . ANSI COMPLIANT SIGNAGE DESIGNATING UNISEX TOILET ROOM

20. COFFEE MAKER, SEE INTERIOR ELEVATION 21. MICROWAVE, SEE INTERIOR ELEVATION

22. STACKABLE WASHER / DRYER 23. ANSI COMPLIANT SIGNAGE DESIGNATING MAXIMUM OCCUPANCY OF 15 PERSONS

24. QUIK-BRIK MASONRY CONSTRUCTION

25. ANSI COMPLIANT EXIT SIGNAGE, SEE /A5-1 26. STORAGE CABINETRY, SEE INTERIOR ELEVATION ON SHEET A5-1

27. 10 -0" 8 -0" OVERHEAD DOOR 28. HVAC PLATFORM ABOVE, SEE DETAILS ON SHEET A1-3

2 . 8" CMU WALL

### STRUCTURAL CODED NOTES

A. 5 VERTICAL EACH CELL

B. W8 28 W/ 5/16" PLATE, FASTEN TO WALL PER DETAIL 7/A4-2

C. 2 L5 3-1/2 5/16 LLV D. PROVIDE HORZ. JOINT REINF. EACH COURSE IN END WALL

F. PROVIDE HORIZONTAL JOINT REINFORCING EACH COURSE IN 18 -4" TALL WALLS

E. 2 5 VERT. TYP. ALL MASONRY OPENINGS

G. 5 CORNERS AND 16" O.C. MAX END WALL H. PROVIDE 5 VERT. 48" O.C. IN WALL ABOVE OPENINGS

NOT USED

J. W8 24 W/ 5/16" PLATE

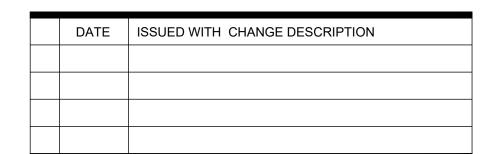
K. W16 31 W/ 5/16" PLATE, FASTEN TO WALL PER DETAIL 7/A4-2 . W8 28 LINTEL W/ 5/16" PLATE

M. PROVIDE 5 48" O.C. VERT. HORIZONTAL JOINT REINFORCING PER PLAN NOTES FOR ENTIRE WALL, TYP.

N. 2 L3 1/2 3 1/2 5/16 P. W12 30 W/ 5/16" PLATE

# WALL TYPES SCHEDULE

|    | ASSEMBLY DESCRIPTION                                       | HR                         | NOTES  |
|----|--|----------------------------|--|
|    | 2 4 WOOD STUDS<br>16" O.C.<br>-5/8" GYP BD                 | RATING 0 HR<br>UL FILE N/A | FULL HEIGHT PARTITION,<br>TERMINATE GYPSUM BOARD<br>UNDERSIDE OF JOISTS.<br>ASSEMBLY THICKNESS<br>4 3/4" |
|    | 2 4 WOOD STUDS<br>16" O.C.<br>5/8" GYP BD<br>3" SOUND BATT | RATING 0 HR<br>UL FILE N/A | FULL HEIGHT PARTITION,<br>TERMINATE GYPSUM BOARD<br>UNDERSIDE OF JOISTS.<br>ASSEMBLY THICKNESS<br>4 3/4" |
| 30 | 2 4 WOOD STUDS<br>16" O.C.<br>5/8" GYP BD<br>3" SOUND BATT | RATING 0 HR<br>UL FILE N/A | FULL HEIGHT PARTITION,<br>TERMINATE GYPSUM BOARD<br>BOTTOM OF DECK.<br>ASSEMBLY THICKNESS<br>4 3/4"      |



10 E. AUBURN ROAD ROCHESTER HILLS, MI 48307







SCALE 3/16" 1-0" U.N.O. SHEET / DESCRIPTION FLOOR PLAN

DATE 08.28.2023 PRELIMINARY DESIGN

FRAME ELEVATIONS DOOR ELEVATIONS

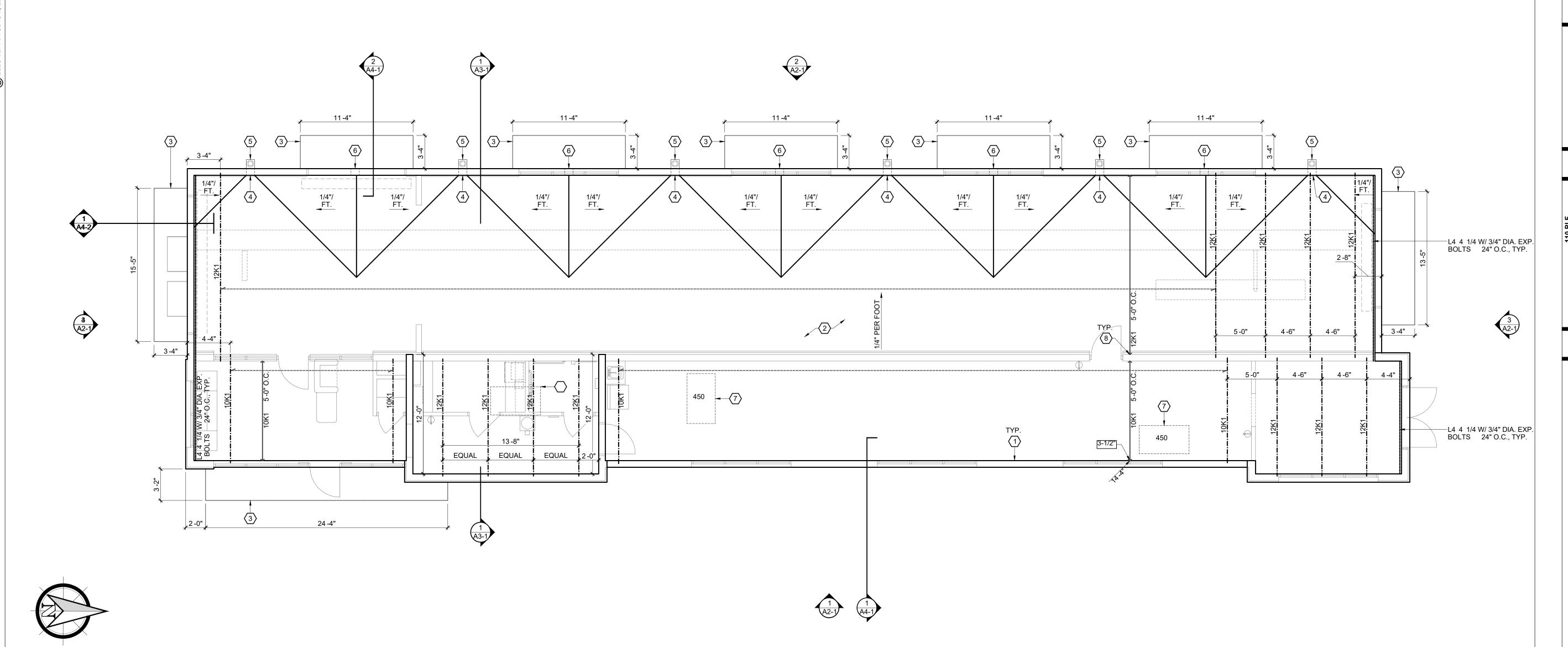
SPACE

**FLOOR** 

WALLS

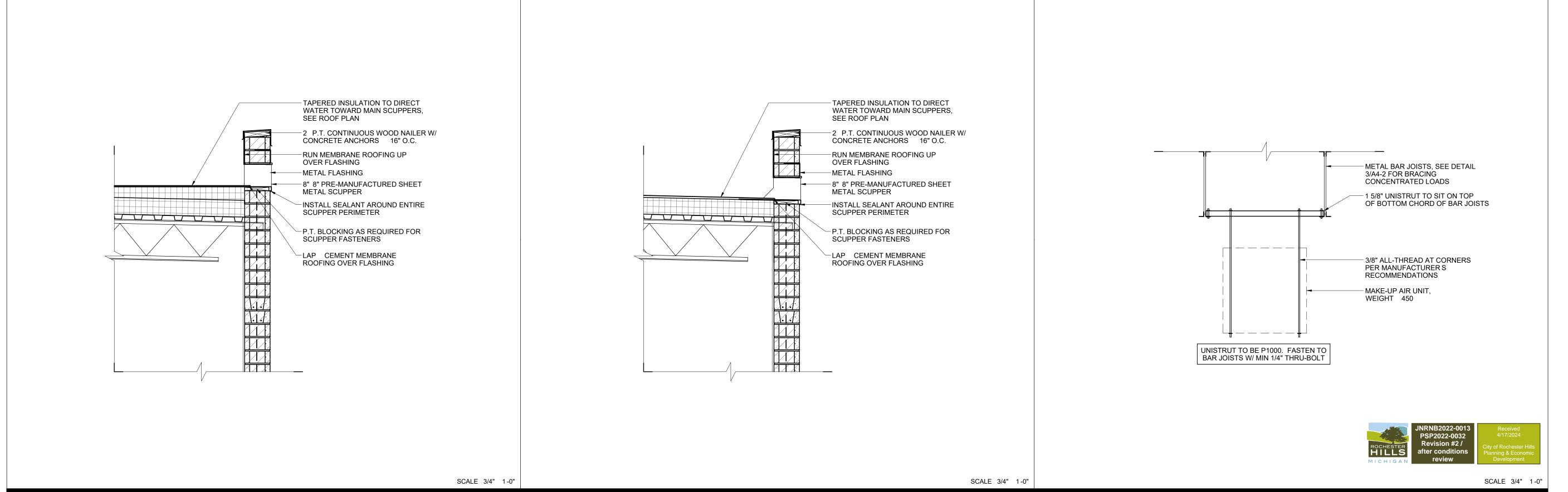
CLG

PSP2022-0032 Revision #2 / after conditions





OVERFLOW SCUPPER DETAIL

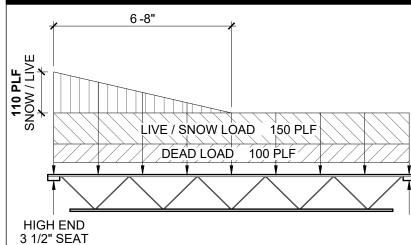


SCUPPER DETAIL

# ROOF PLAN CODED NOTES

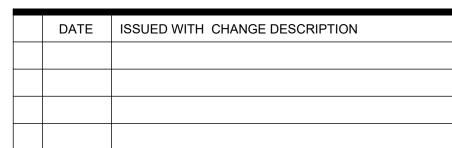
- 1. MASONRY PARAPET WALL
- 2. STANDARD UL CLASS A FM/1- 0 FULLY ADHERED SINGLE PLY MEMBRANE ROOFING ON RIGID INSULATION, SLOPE TOWARDS
- 3. PREFABRICATED CANOPY INSTALLED PER MANUFACTURER S
- INSTRUCTONS 4. DRAINAGE SCUPPER THROUGH PARAPET WALL
- 5. PRE-MANUFACTURED COLLECTION BOXES W/ 5" DOWNSPOUTS 6. EMERGENCY OVERFLOW SCUPPER
- 7. MAKE-UP AIR UNIT BELOW, SEE SUPPORT DETAIL 1/A1-2
- 8. PROVIDE 3-3/4" DEEP BEARING PLATES INTERIOR BEARING WALL LOCATIONS
- ROOFTOP CONDENSING UNIT.

# LOAD DIAGRAM JOISTS NOTED



# **ROOF FRAMING NOTES**

- A. DESIGN ROOF LIVE LOADS 25 PSF PLUS THE EFFECTS OF
- DRIFTING SNOW PER ASCE. 8PSF NET WIND UPLIFT. B. ROOF CONSTRUCTION 1-1/2" 20 GA, GALVANIZED STEEL ROOF
- DECK, U.N.O. C. ELEVATIONS SHOWN INDICATE THE FOLLOWING
- AT JOIST JOIST BEARING EL. U.N.O. AT BEAMS TOP OF BEAM EL. U.N.O.
- WORKPOINTS AT SLOPING MEMBERS ARE AT CENTERLINES OF COLUMNS, OR SUPPORTING BEAMS AT INSIDE FACE OF
- D. JOISTS TO HAVE STANDARD 2-1/2" DEEP BEARING SEATS EXCEPT WHERE SHOWN THUS 3-1/2"
- E. JOIST MANUFACTURER TO DESIGN JOISTS FOR THE LOADS
- SHOWN ON ROOF PLAN IN THE JOIST LOAD DIAGRAM ON THIS F. SEE DETAILS 5/A4-2 FOR TOP SUPPORT OF NON-LOAD BEARING
- CMU WALLS.
- G. SEE SHEET A8-1 FOR STRUCTURAL NOTES. H. SEE SHEET A4-2 FOR TYPICAL JOIST DETAILS.



10 E. AUBURN ROAD ROCHESTER HILLS, MI 48307





ARCHITECTURAL DESIGN 614.562.7761 WWW.SBA-STUDIOS.COM

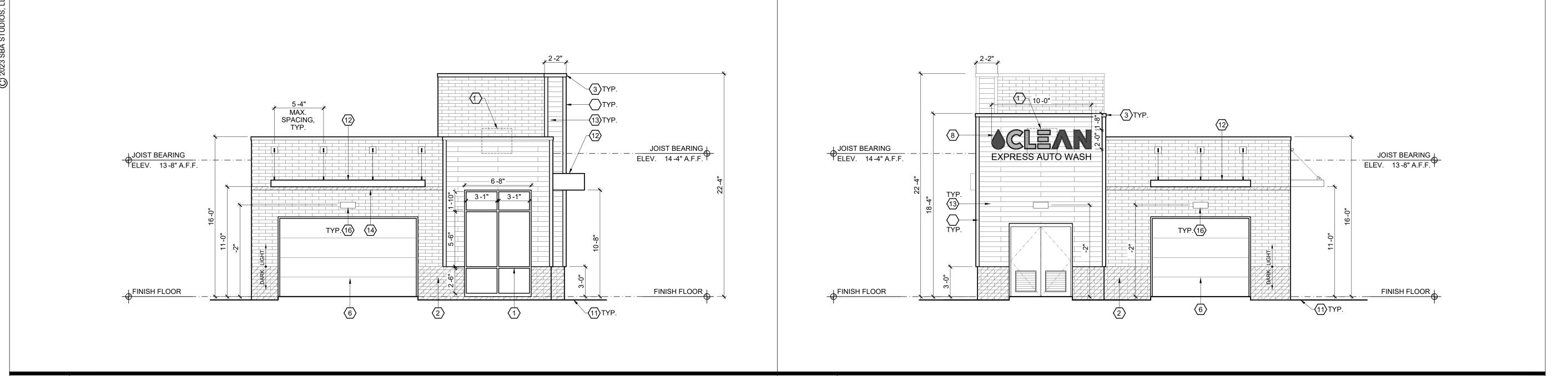
SCOTT SAKER, LICENSE 14654

DATE 08.28.2023 PRELIMINARY DESIGN EXPIRATION DATE 12/31/2023 SBA STUDIOS PROJECT 2023-166

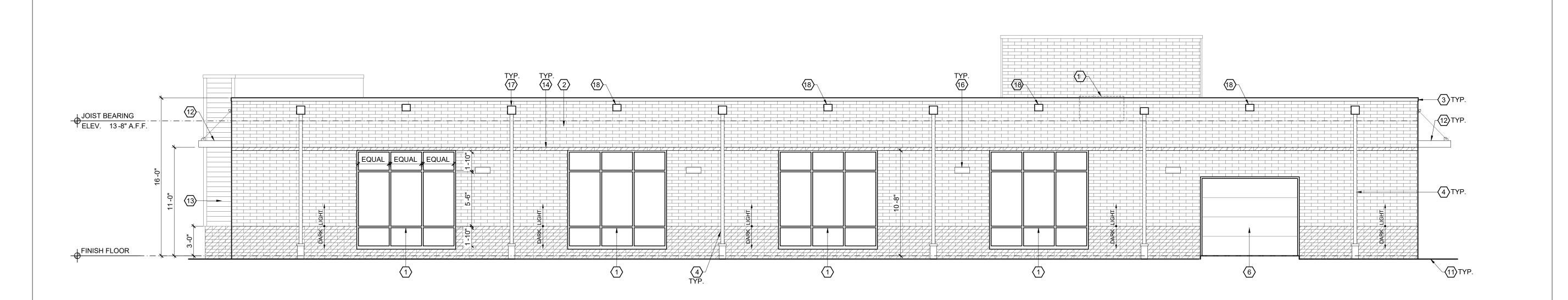
SCALE 3/16" 1-0" U.N.O. SHEET / DESCRIPTION

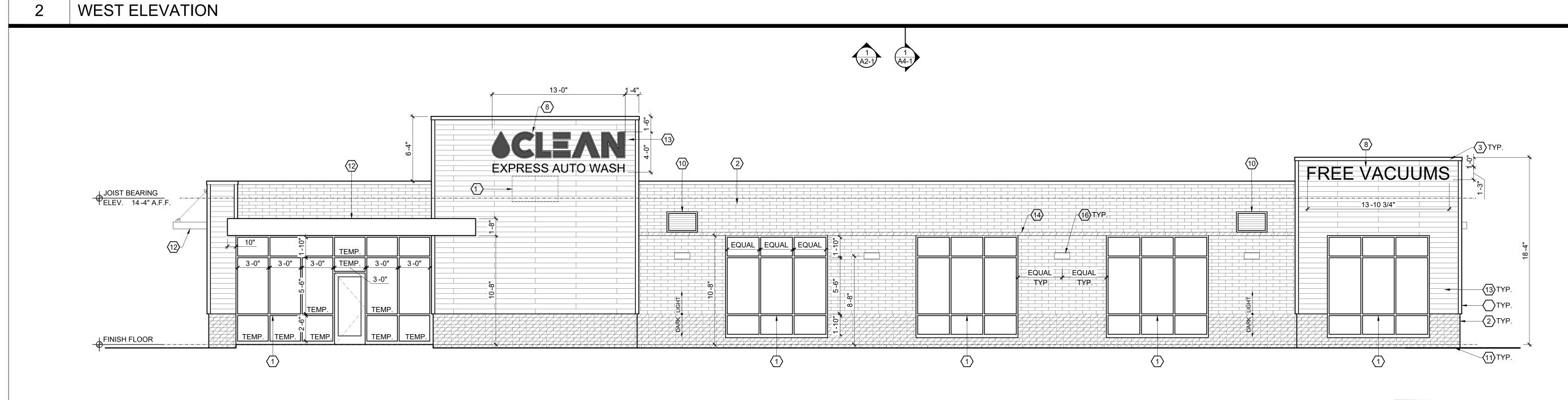
**ROOF PLAN** 

MAKE-UP AIR UNIT SUPPORT



NORTH ELEVATION





**ELEVATION CODED NOTES** 

1. ALUMINUM STOREFRONT GLAZING SYSTEM. MANUFACTURER TO DESIGN FOR WIND LOAD REQUIREMENTS PER CODE

2. QUIK-BRIK CMU CONSTRUCTION, SEE MATERIALS LEGEND.

INSTALL CONTROL JOINTS PER MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS

3. CONTINUOUS METAL COPING, TYP.

4. 4" METAL DOWNSPOUT NOT USED

6. OVERHEAD DOOR 7. NOT USED

8. SIGNAGE PROVIDED BY OWNER. ALL SIGNS TO BE SUBMITTED AND APPROVED UNDER SEPARATE PERMITS ISSUED BY THE

BUILDING DEPARTMENT.

. 1 4 COMPOSITE CORNER TRIM, TYP. 10.36" 24" METAL WALL LOUVER W/ 2" FRAME, SEE HVAC DRAWINGS.

LOCATE SUCH THAT OPENING IS NOT DIRECTLY BENEATH A

**ROOF JOIST** 11. GRADE, COORDINATE W/ CIVIL DRAWINGS.

12. PRE-MANUFACTURED ALUMINUM AWNING. INSTALL PER MANUFACTURER S INSTRUCTIONS.

13. NICHIHA FIBER CEMENT AWP181 HORIZONTAL SIDING. 14. MASONRY BAND IN DARK FINISH TO MATCH BASE OF WALL

15. NOT USED

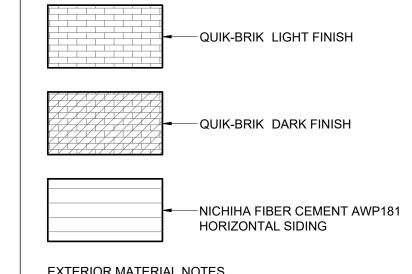
16. DECORATIVE LIGHT FIXTURE

17. SCUPPER DOWNSPOUT COLLECTION BOX

18. EMERGENCY OVERFLOW SCUPPER

1 . CONDENSING UNIT BEHIND TALL PARAPET WALL.

# ELEVATION MATERIAL LEGEND



EXTERIOR MATERIAL NOTES

1. COLOR OF METAL COPING TO MATCH STOREFRONT SYSTEM

|  | DATE | ISSUED WITH CHANGE DESCRIPTION |
|--|------|--------------------------------|
|  |      |                                |
|  |      |                                |
|  |      |                                |
|  |      |                                |

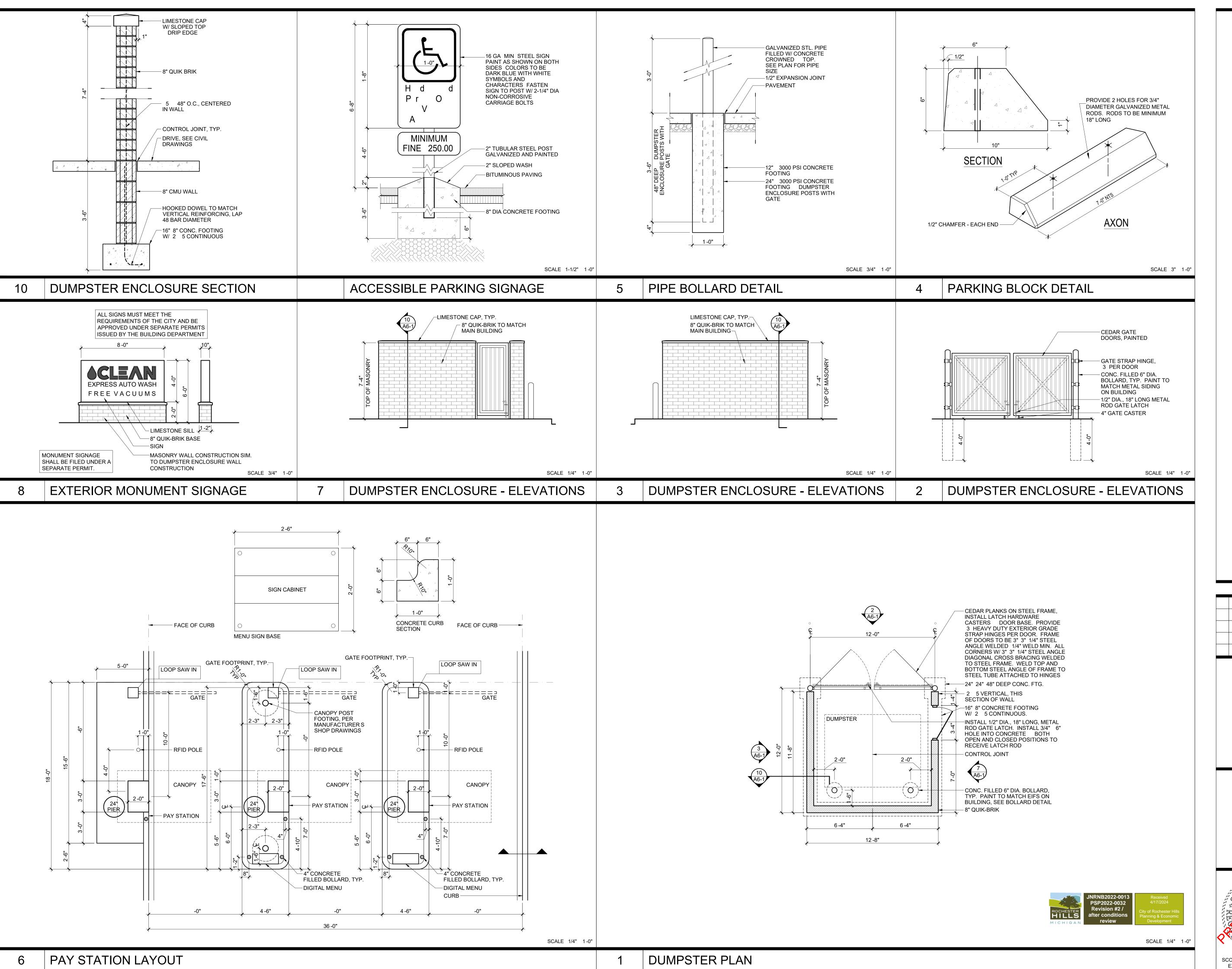
10 E. AUBURN ROAD ROCHESTER HILLS, MI 48307







**SOUTH ELEVATION** 

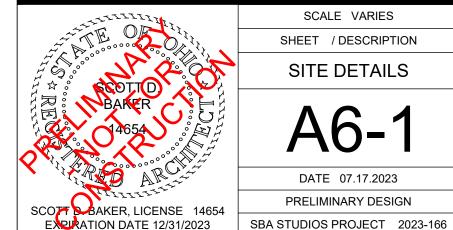


DATE ISSUED WITH CHANGE DESCRIPTION

10 E. AUBURN ROAD ROCHESTER HILLS, MI 48307







DATE 07.17.2023 PRELIMINARY DESIGN

SCALE VARIES

SHEET / DESCRIPTION

SITE DETAILS





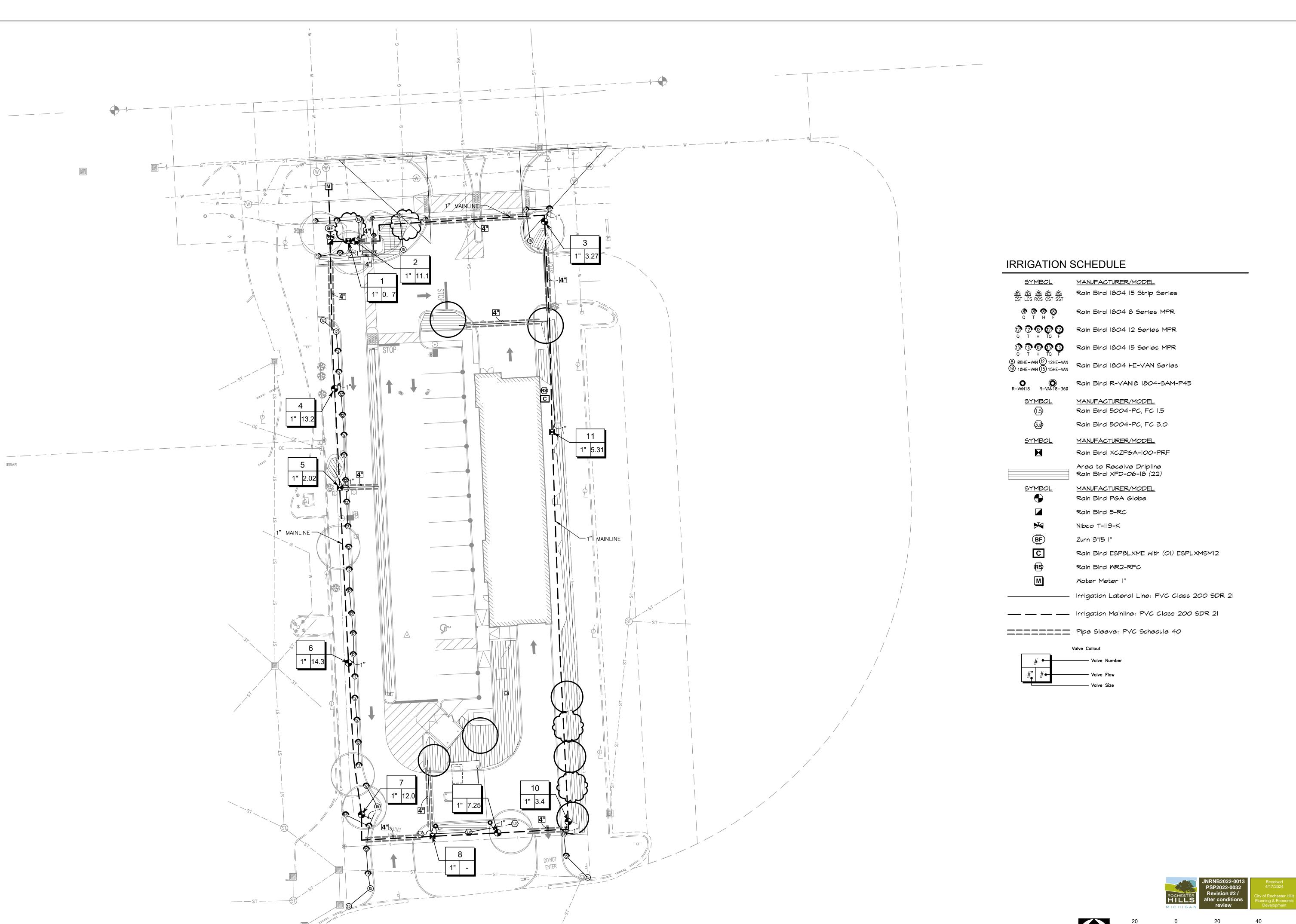












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Pittsburgh, PA



Revisions: Project Number: Drawn by: Checked by:

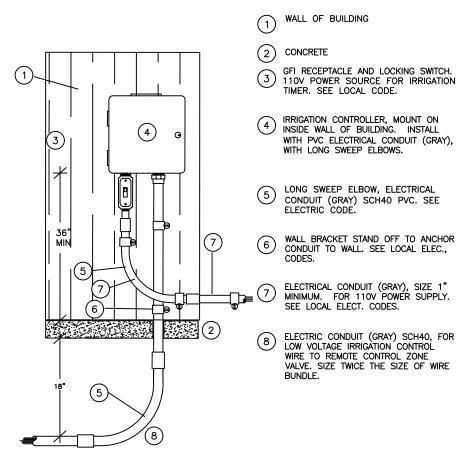
DB Date: 8/24/2023

SCALE 1" 20

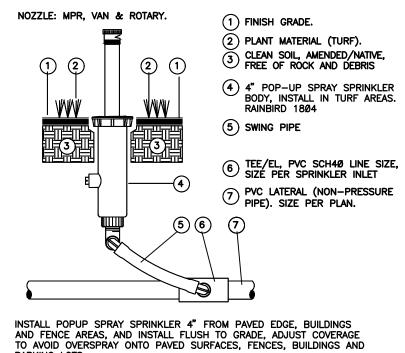
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THESE NOTES ARE PRESENTED AS A "SUMMARY" OF THE WRITTEN SPECIFICATIONS ISSUED FOR THE PROJECT. REFER TO THE WRITTEN SPECIFICATIONS, IF INCLUDED, FOR ADDITIONAL DETAIL AND FULL PROJECT REQUIREMENTS.

- 1. THE IRRIGATION SYSTEM DESIGN IS BASED ON 60 STATIC PRESSURE (PSI) AND MAXIMUM FLOW OF 15 GALLONS PER MINUTE(GPM). THE IRRIGATION CONTRACTOR SHALL VERIFY THE PRESSURE AND FLOW PRIOR TO COMMENCEMENT OF CONSTRUCTION. REPORT TO THE OWNER OR OWNER'S REPRESENTATIVE ANY DIFFERENCES BETWEEN THE PRESSURE INDICATED AND THE ACTUAL PRESSURE READING AT THE POINT OF CONNECTION.
- 2. THE PIPE ROUTING SHOWN IS DIAGRAMMATIC ONLY. ALL PIPING, VALVES, HEADS, ETC SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY. PRESSURE LOSS CALCULATIONS ARE BASED ON THE PIPE ROUTING AS SHOWN. SIGNIFICANT DEVIATIONS FROM THE ROUTING SHOWN SHOULD BE AVOIDED.
- 3. DO NOT WILLINGLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES, OR DIFFERENCES IN THE DIMENSIONS OF THE CONSTRUCTED AREAS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE IRRIGATION DESIGN OR CHANGES HAVE OCCURRED IN THE SITE PLAN. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE IRRIGATION DESIGNER AND THE GENERAL CONTRACTOR IMMEDIATELY. SHOULD THE IRRIGATION CONTRACTOR PROCEED WITH THE INSTALLATION WITHOUT NOTIFYING THE IRRIGATION DESIGNER AND THE GENERAL CONTRACTOR, THE IRRIGATION CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY AND ALL REVISIONS / RECONSTRUCTION NECESSARY.
- 4. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF / HERSELF WITH THE SITE, ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, AND INSTALLED UTILITIES. COORDINATE WORK WITH THE OWNER OR GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES UNDERNEATH PAVEMENT AND THROUGH WALLS.
- 5. DUE TO THE SCALE OF THE DRAWING, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, JOINTS, ETC. WHICH MAY BE REQUIRED. THE IRRIGATION CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF HIS/HER WORK AND PLAN HIS/HER WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC. AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. ALL WORK SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID CONFLICTS BETWEEN IRRIGATION SYSTEM COMPONENTS, LANDSCAPE PLANTING, AND ARCHITECTURAL FEATURES.
- 6. FLUSH ALL LINES AND HEADS PRIOR TO INSTALLING NOZZLES. ADJUST NOZZLE SPRAY ARC AND RADIUS FOR OPTIMUM PERFORMANCE TO PREVENT OVERSPRAY ONTO PAVED SURFACES OR FACE OF BUILDING AS MUCH AS POSSIBLE TO FIT THE SITE CONDITIONS. THROTTLE FLOW CONTROL AT EACH VALVE FOR OPTIMUM OPERATING PRESSURE FOR EACH ZONE.
- 7. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISHED GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE NOTED.
- 8. WHEN VERTICAL OBSTRUCTIONS (POLES, SIGNS, TREES, HYDRANTS, ETC) INTERFERE WITH THE SPRAY PATTERN OF THE HEADS SO AS TO PREVENT PROPER COVERAGE, THE CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER, THIRD, OR HALF CIRCLE HEAD AT THE SIDES OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST.
- 9. USE TEFLON TAPE ON ALL MALE PIPE THREADS ON PVC PIPE, SWING JOINTS, AND VALVE ASSEMBLIES.
- 10. INSTALL VALVE BOXES 18-INCHES FROM AND PERPENDICULAR TO WALKS, CURBS, BUILDING, OR LANDSCAPE FEATURES. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE INSTALLED A MINIMUM OF 12-INCHES APART.
- 11. ALL VALVES SHALL BE PLACED IN VALVE BOXES AS SHOWN IN THE DETAILS AND ALL ELECTRICAL CONNECTIONS SHALL BE SEALED WITH WATERPROOF CONNECTORS.
- 12. 120-VOLT ELECTRICAL POWER AT THE CONTROLLER SHALL BE PROVIDED BY OTHERS. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE POWER PROVIDED TO THE CONTROLLER.
- 13. PROVIDE AS-BUILT DRAWINGS WITHIN 21 DAYS UPON COMPLETION OF THE IRRIGATION INSTALLATION.
- 14. THERE SHALL BE NO SUBSTITUTIONS OR CHANGES TO THE IRRIGATION DESIGN ALLOWED WITHOUT DIRECT, WRITTEN APPROVAL FROM THE IRRIGATION CONSULTANT OR THE LANDSCAPE ARCHITECT. CONTACT WC3 DESIGN FOR INFORMATION.
- 15. ALL SPRINKLERS, VALVES AND VALVE BOXES SHALL BE PLACED 5' AWAY FROM ANY RADIUS OF CURB AS SHOWN IN DETAILS.
- 16. IRRIGATION CONTRACTOR SHALL PROVIDE THE FIRST WINTERIZATION BLOW OUT. IN ADDITION, HE SHALL PROVIDE THE SPRING TURN ON . ALL NECESSARY HEAD ADJUSTMENTS SHALL BE MADE AT THAT TIME AND REPLACE OR REPAIR ANY WARRANTY ITEMS. THESE ITEMS SHALL BE INCLUDED WITH BID.
- 17. PROVIDE GROUNDING ALONG CONTROLLER WIRE RUN PER MANUFACTURES INSTALLATION RECOMENDATIONS.
- 18. IRRIGATION CONTRACTOR TO REPAIR OR REPLACE ANY EXISTING UTILITY, LOW VOLTAGE WIRE OR OTHER EXISTING EQUIPMENT DAMAGED DURING IRRIGATION INSTALLATION.



RAINBIRD ESP CONTROLLER



USE ONLY TEFLON TAPE OR SEALANT ON ALL THREADED CONNECTIONS.

' POINT OF CONNECTION

— IN LINE ISOLATION VALVE

1" SCH. 80 PVC

— 3" PEA GRAVEL

FROM WATER SUPPLY

COPPER FEMALE ADAPTER -

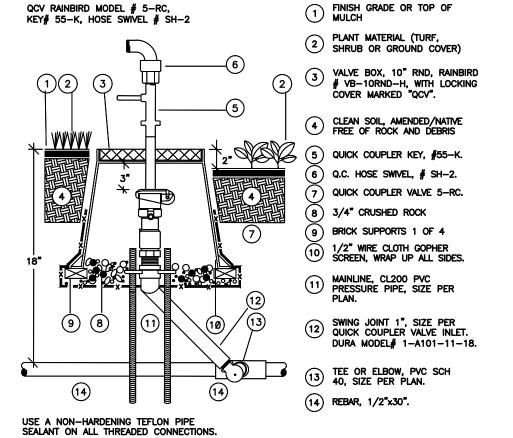


11"X16" VALVE BOX

— 1" QCV FOR WINTERIZATION

TO IRRIGATION SYSTEM

2"-4"



(1) FINISH GRADE.

(5) SWING PIPE

INSTALL POPUP ROTOR SPRINKLER 4" FROM PAVED EDGE. BUILDINGS AND FENCE AREAS, AND INSTALL FLUSH TO GRADE, ADJUST COVERAGE

TO AVOID OVERSPRAY ONTO PAVED SURFACES, FENCES, BUILDINGS AND

USE ONLY TEFLON TAPE OR SEALANT ON ALL THREADED CONNECTIONS.

(2) PLANT MATERIAL (TURF).

CLEAN SOIL, AMENDED/NATIVE,

FREE OF ROCK AND DEBRIS

(4) ROTOR POP-UP SPRINKLER:

RAINBIRD MODEL # 5004,

4" POP-UP HEIGHT, 3/4" INLET.

TEE/EL, PVC SCH40 LINE SIZE, 6 SIZE PER SPRINKLER INLET

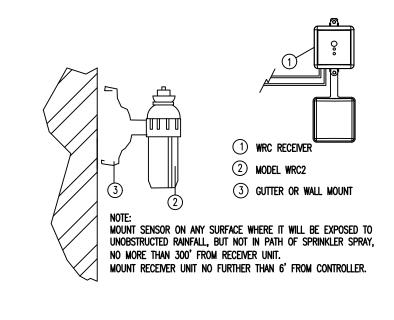
7 PVC LATERAL (NON-PRESSURE

PIPE). SIZE PER PLAN.

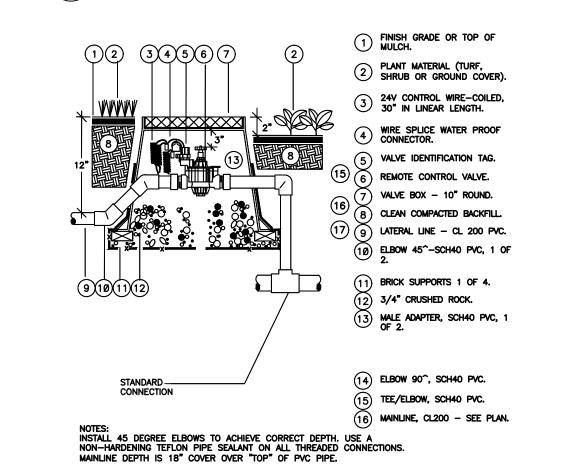
\RAINBIRD QUICK COUPLER VALVE

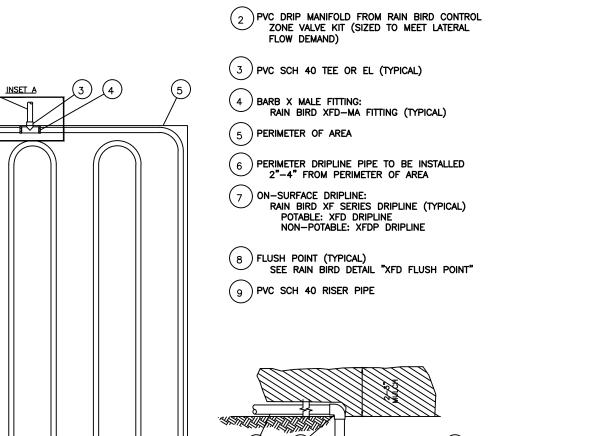
PARKING LOTS.

**\RAINBIRD 5004 ROTOR** 

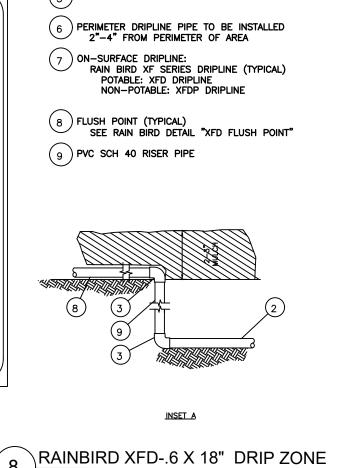


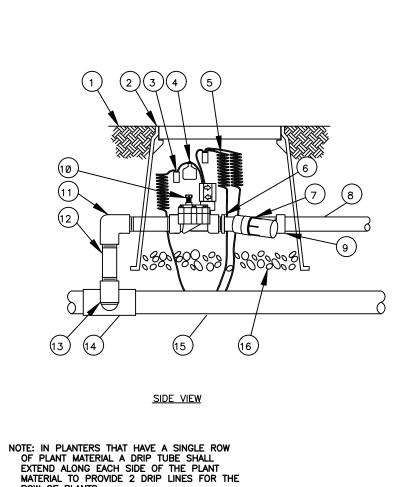
ackslashRAINBIRD RAIN SENSOR





( 1 ) PVC EXHAUST HEADER





SECTION

RAINBIRD PGA ELECTRIC VALVE

1 FINISH GRADE (2) RECTANGULAR VALVE BOX WITH COVER: WATERPROOF CONNECTION RAIN BIRD DB SERIES VALVE ID TAG 30-INCH LINEAR LENGTH OF WIRE, COILED 1" X ¾" REDUCING COUPLING (INCLUDED IN XCZ-100-PRF KIT) PRESSURE REGULATING FILTER: LATERAL PIPE PVC SCH 40 FEMALE ADAPTOR OR REDUCER REMOTE CONTROL VALVE: PVC SCH 40 ELL PVC SCH 80 NIPPLE (LENGTH AS REQUIRED) PVC SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND PVC SCH 40 ELL)

PVC SCH 40 TEE OR ELL PVC MAINLINE

SECTION

3-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL





# () 0

SECTION

Project Number: Drawn by:

Checked by: DB Date: 8/24/2023

Sheet Number:

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# Site Plan Set 4-17.pdf Markup Summary

### **Building Department (2)**

Mark Artinian 248-841-2446

**Subject:** Building Department **Author:** Mark Artinian **Date:** 4/29/2024 8:15:24 AM

Status:

Mark Artinian 248-841-2446 ArtinianM@RochesterHills.org

Yes

Yes

Subject: Building Department Author: Mark Artinian Date: 4/29/2024 8:15:44 AM

Status:

Cloud (14)



**Subject:** Cloud **Author:** JRilett

Date: 4/15/2024 5:09:09 PM

Status:



**Subject:** Cloud **Author:** JRilett

Date: 4/15/2024 5:16:42 PM

Status:



Subject: Cloud Author: JRilett

Date: 4/15/2024 5:18:50 PM

Status:



Subject: Cloud Author: JRilett

Date: 4/15/2024 5:19:10 PM

Status:



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Date: 4/15/2024 5:19:19 PM

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Subject: Cloud Author: JRilett

Date: 4/15/2024 5:20:09 PM

Status:



Subject: Cloud Author: JRilett

Date: 4/15/2024 5:22:45 PM

Status:



Subject: Cloud Author: JRilett

Date: 4/15/2024 5:23:06 PM

Status:



Subject: Cloud Author: JRilett

Date: 4/15/2024 5:28:38 PM

Status:



Subject: Cloud Author: JRilett

Date: 4/15/2024 5:29:00 PM

Status:



Subject: Cloud Author: JRilett

Date: 4/15/2024 5:29:11 PM

Status:



Subject: Cloud Author: JRilett

Date: 4/15/2024 5:31:47 PM

Status:



Subject: Cloud Author: JRilett

Date: 4/15/2024 5:32:13 PM

Status:

### Engineering Department (1)

Subject: Engineering Department

Author: Jason Boughton Date: 4/23/2024 11:01:11 AM

Status:

### Fire Department (1)

Subject: Fire Department Author: Lieutenant W. Murphy Date: 4/22/2024 11:05:53 AM

Status:

### Group (40)



Subject: Group Author: macdonaldj Date: 4/18/2024 9:57:36 AM

Status:

City of Rochester Hills Planning & Economic Development



Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/29/2024 9:10:51 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/29/2024 9:10:58 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/29/2024 9:11:04 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/29/2024 9:11:09 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/29/2024 9:11:14 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 8:37:39 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 8:37:45 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 8:37:50 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 8:37:55 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 8:38:00 AM

City of Rochester Hills Planning & Economic

Development

Status:

| THE STATE OF THE S  | Subject: Group<br>Author: C.McLeod<br>Date: 4/30/2024 9:09:54 AM<br>Status: | Received<br>4/17/2024                                      |
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| SOME WE 10'   |   | City of Rochester Hills Planning & Economic Development    |
| Application of the control of the co  | Subject: Group<br>Author: C.McLeod<br>Date: 4/30/2024 9:09:59 AM            | Received 4/17/2024   |
|   | Status:   | City of Rochester Hills Planning & Economic<br>Development |
| Antidestration of the state of   | Subject: Group<br>Author: C.McLeod<br>Date: 4/30/2024 9:10:05 AM<br>Status: | Received 4/17/2024   |
| SOME SET 14"  | Status:   | City of Rochester Hills Planning & Economic Development    |
| SCALE IN 1-0  | Subject: Group<br>Author: C.McLeod<br>Date: 4/30/2024 9:10:11 AM            | Received 4/17/2024   |
|   | Status:   | City of Rochester Hills Planning & Economic Development    |
| AMERICAN STATE OF THE STATE OF   | Subject: Group<br>Author: C.McLeod<br>Date: 4/30/2024 9:10:18 AM<br>Status: | Received 4/17/2024   |
|   |   | City of Rochester Hills Planning & Economic Development    |
| 50000 505.000<br>101AL \$ 570.20<br>504.11 - 371<br>504.11 - 371<br>504.000 500<br>504.000 500<br>504.000 500<br>504.000 500<br>505.000 500 | Subject: Group  Author: C.McLeod  Date: 4/30/2024 9:10:33 AM  Status:       | Received 4/17/2024   |
|   |   | City of Rochester Hills Planning & Economic Development    |
| TOO 1 0 2 2 If Indicated the Control of Cont  | Subject: Group - Author: C.McLeod - Date: 4/30/2024 9:10:40 AM Status:      | Received<br>4/17/2024                                      |
|   |   | City of Rochester Hills Planning & Economic Development    |
| 5/AB  | Subject: Group Author: C.McLeod Date: 4/30/2024 9:10:45 AM Status:          | Received 4/17/2024   |
|   |   | City of Rochester Hills Planning & Economic Development    |
| 500 1 1 2 0 T   | Subject: Group  Author: C.McLeod  Date: 4/30/2024 9:10:50 AM Status:        | Received<br>4/17/2024                                      |
|   |   | City of Rochester Hills Planning & Economic Development    |
| ZAC 18 - 10 FT  FACE TO THE CONTROL OF T  | Subject: Group<br>Author: C.McLeod<br>Date: 4/30/2024 9:10:55 AM            | Received<br>4/17/2024                                      |
|   | Status:   | City of Rochester Hills Planning & Economic Development    |

Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 9:11:01 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 9:11:06 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 9:11:11 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 9:11:17 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 9:11:22 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 9:11:29 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 9:11:36 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 9:11:46 AM Status: City of Rochester Hills Planning & Economic Development Subject: Group Received Author: C.McLeod 4/17/2024 Date: 4/30/2024 9:11:51 AM Status: City of Rochester Hills Planning & Economic Development Jenny McGuckin - YES (1)

Subject: Jenny McGuckin - YES Author: Jenny McGuckin Date: 4/29/2024 2:43:33 PM

Status:

### Natural Resouces (1)

Subject: Natural Resouces Author: Matt Einheuser Date: 4/24/2024 8:29:21 AM

Status:

### Planning Department (5)

Subject: Planning Department

Author: C.McLeod

Date: 4/30/2024 9:12:37 AM

Status:



**Subject:** Planning Department

Author: C.McLeod

Date: 4/30/2024 9:15:10 AM

Status:

Conditioned on mutual agreement with Culver site and/or Planning Commission/City Council acceptance of joint access to the east

Yes



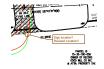
**Subject:** Planning Department

Author: C.McLeod

Date: 4/30/2024 3:42:09 PM

Status:

It may be appropriate to turn this sign to not



**Subject:** Planning Department

Author: C.McLeod

Date: 4/30/2024 3:43:08 PM

Status:

Sign location? Revised Location?

Assessing

**Subject:** Planning Department

Author: C.McLeod

Date: 4/30/2024 3:44:42 PM

Status:

### Traffic (1)

Subject: Traffic Author: Keith

Date: 4/29/2024 10:21:19 AM

Status:

### Traffic, Pathways, Sidewalks (1)



Subject: Traffic, Pathways, Sidewalks

Author: Keith

Date: 4/29/2024 12:07:38 PM

Status:

with condition that the cross access to Culvers is closed if traffic issues internally and/or to Auburn Road become problematic.

with note that it is highly discouraged to operate without a driveway entrance from the Meijers parking lot and is recommended to pursue the possibility of obtaining a portion of land from Meijers so that Clean Express owns the land to install a ingress/egress driveway.

### Underground Utilities (1)



Subject: Underground Utilities Author: Jason Boughton Date: 4/23/2024 11:00:28 AM Status:

Update to the Oakland County WRC storm sewer design standard calculations. The new storm sewer standards were adopted in Sept. of 2023 by the City of Rochester Hills.