

# 5567 ODANA ROAD

MADISON, WI



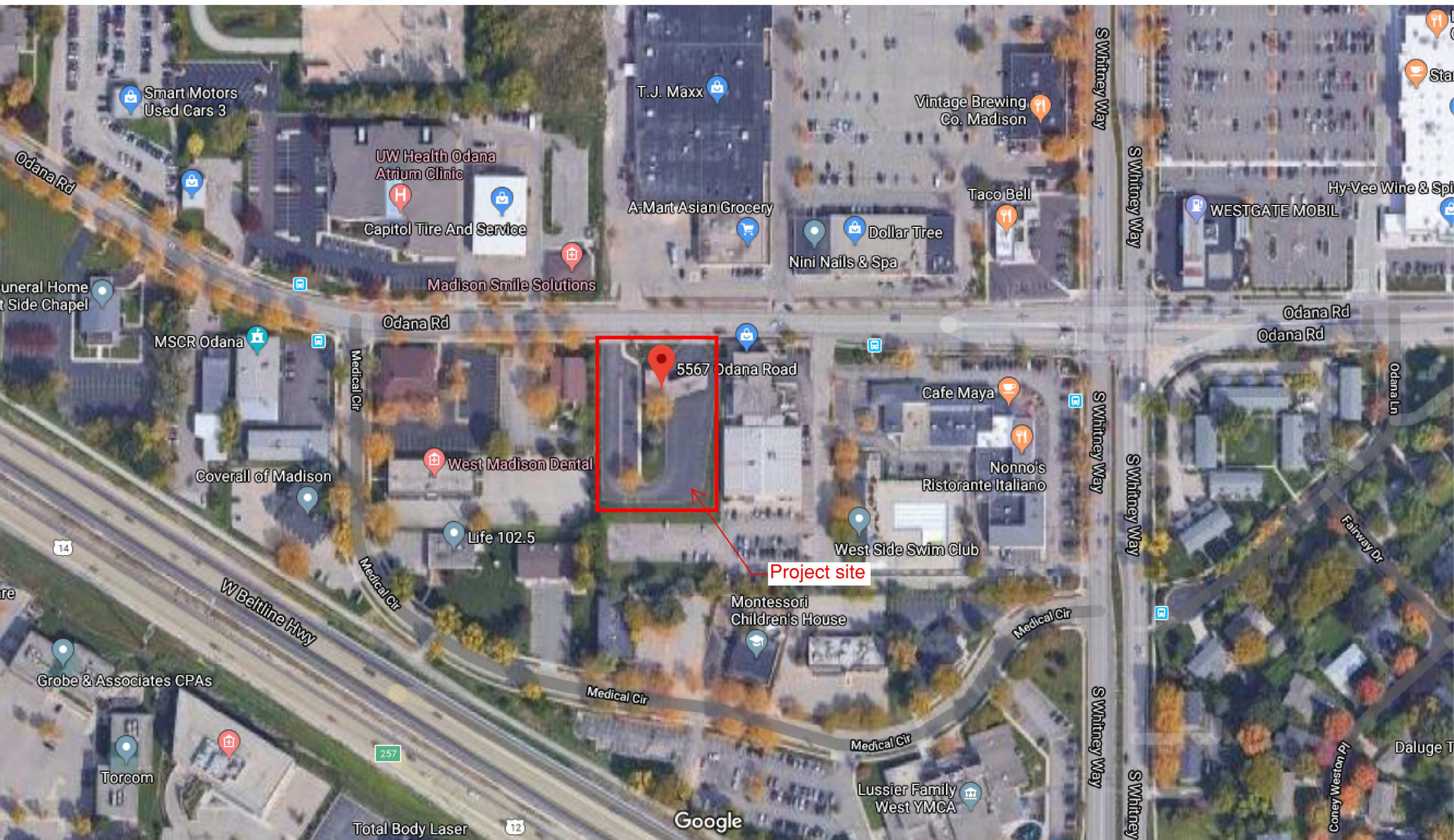
LAND USE UDC FINAL

MARCH 04, 2020



**JLA**  
ARCHITECTS





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ARCHITECTS

# 5567 ODANA ROAD

## SITE LOCATOR MAP

MARCH 4, 2020







View from Odana Rd looking at the existing building to be removed



View from Odana Rd looking at the existing parking lot to be redeveloped



View from Odana Rd at neighboring building to the east



View from existing parking lot of fence along property line into rear neighbor's lot



View from Odana Rd across the street to the north



View from Odana Rd at neighboring building to the west



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## SITE PHOTOS

MARCH 4, 2020





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MADISON : MILWAUKEE  
jla-ap.com

JLA PROJECT NUMBER: 19-1212



McGRATH PROPERTY  
GROUP

5567 ODANA ROAD

LAND USE UDC FINAL

**PROGRESS DOCUMENTS**

These documents reflect progress and intent and may be subject to change, including additional detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

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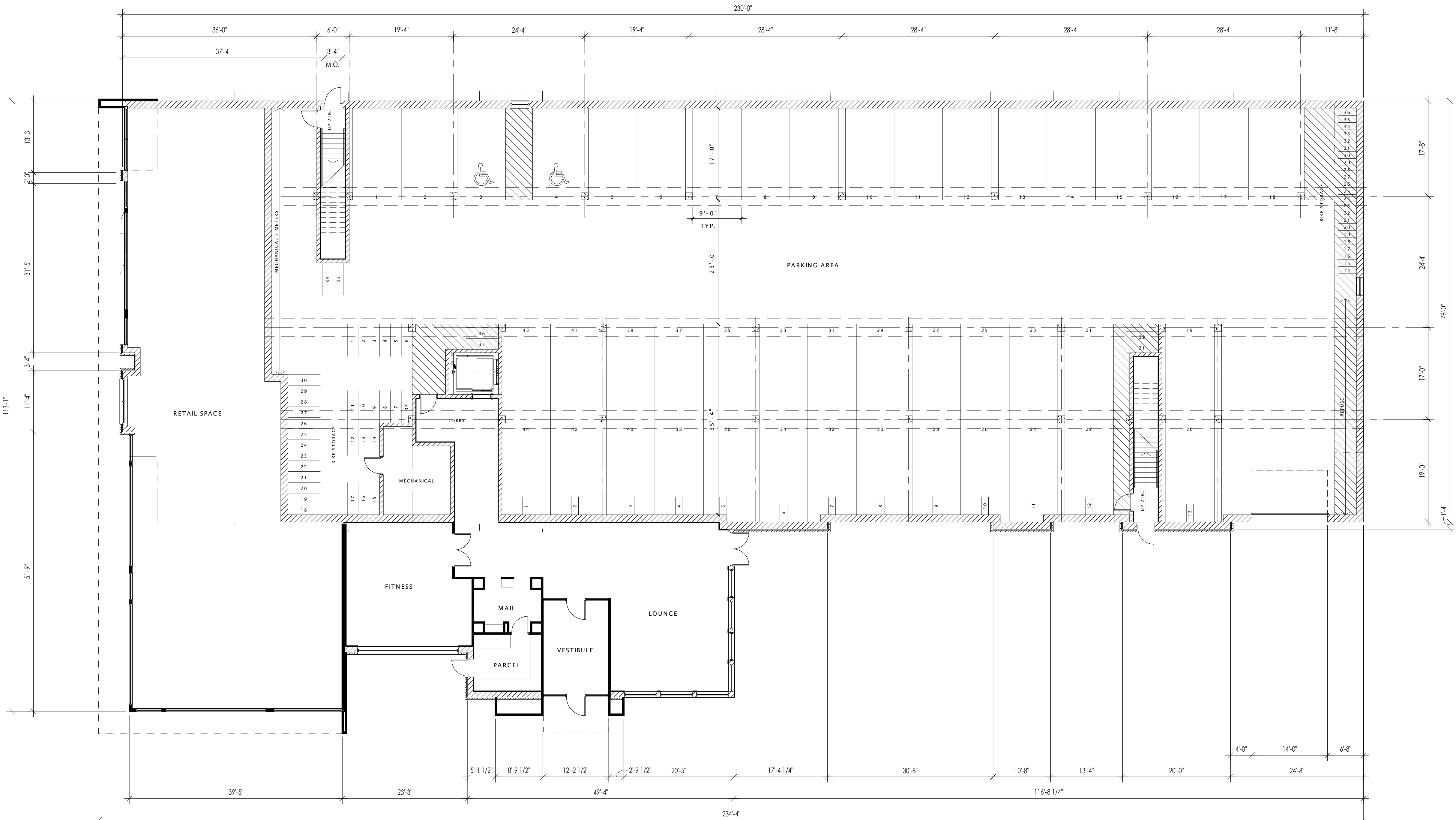
REVISION SCHEDULE		
Mark	Description	Date
1	FLOOR PLAN CHANGES	03/08/2020

SHEET TITLE

FIRST FLOOR PLAN

SHEET NUMBER

A101



1 FIRST FLOOR PLAN  
3/32" = 1'-0"





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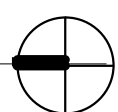
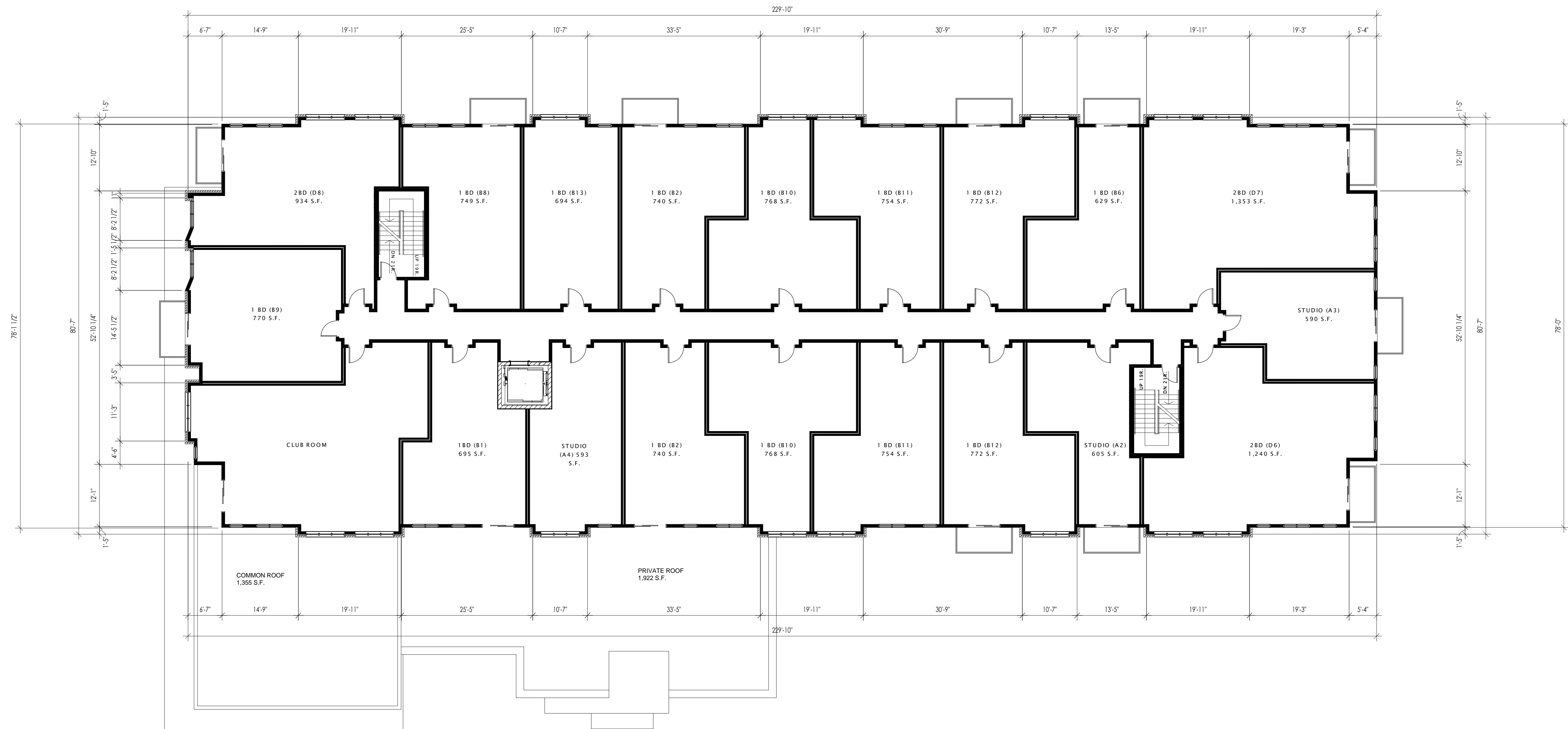
REVISION SCHEDULE		
Mark	Description	Date
1	FLOOR PLAN CHANGES	03/06/2020

SHEET TITLE \_\_\_\_\_

## SECOND FLOOR PLAN

SHEET NUMBER \_\_\_\_\_

A102



1 SECOND FLOOR PLAN  
3/32" = 1'-0"





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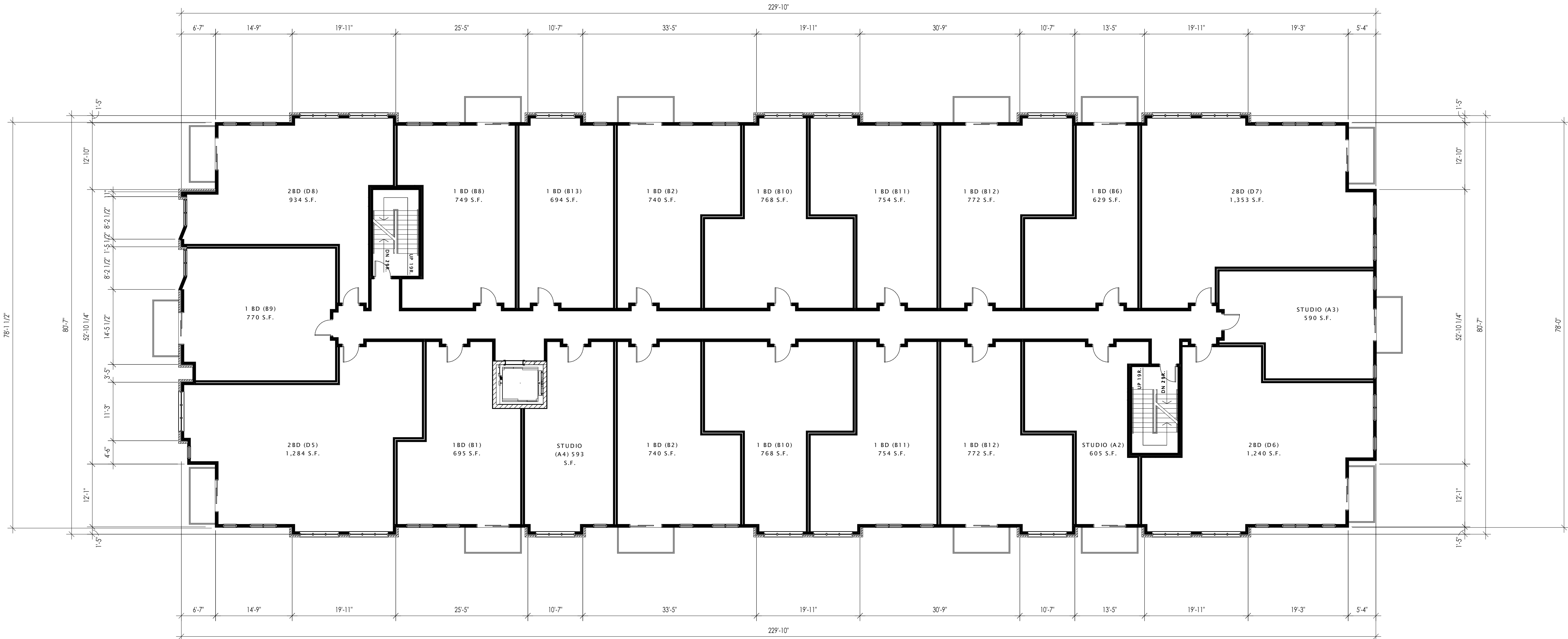
REVISION SCHEDULE		
Mark	Description	Date
1	FLOOR PLAN CHANGES	03/08/2020

SHEET TITLE

THIRD FLOOR PLAN

SHEET NUMBER

A103



1 THIRD FLOOR PLAN  
3/32" = 1'-0"





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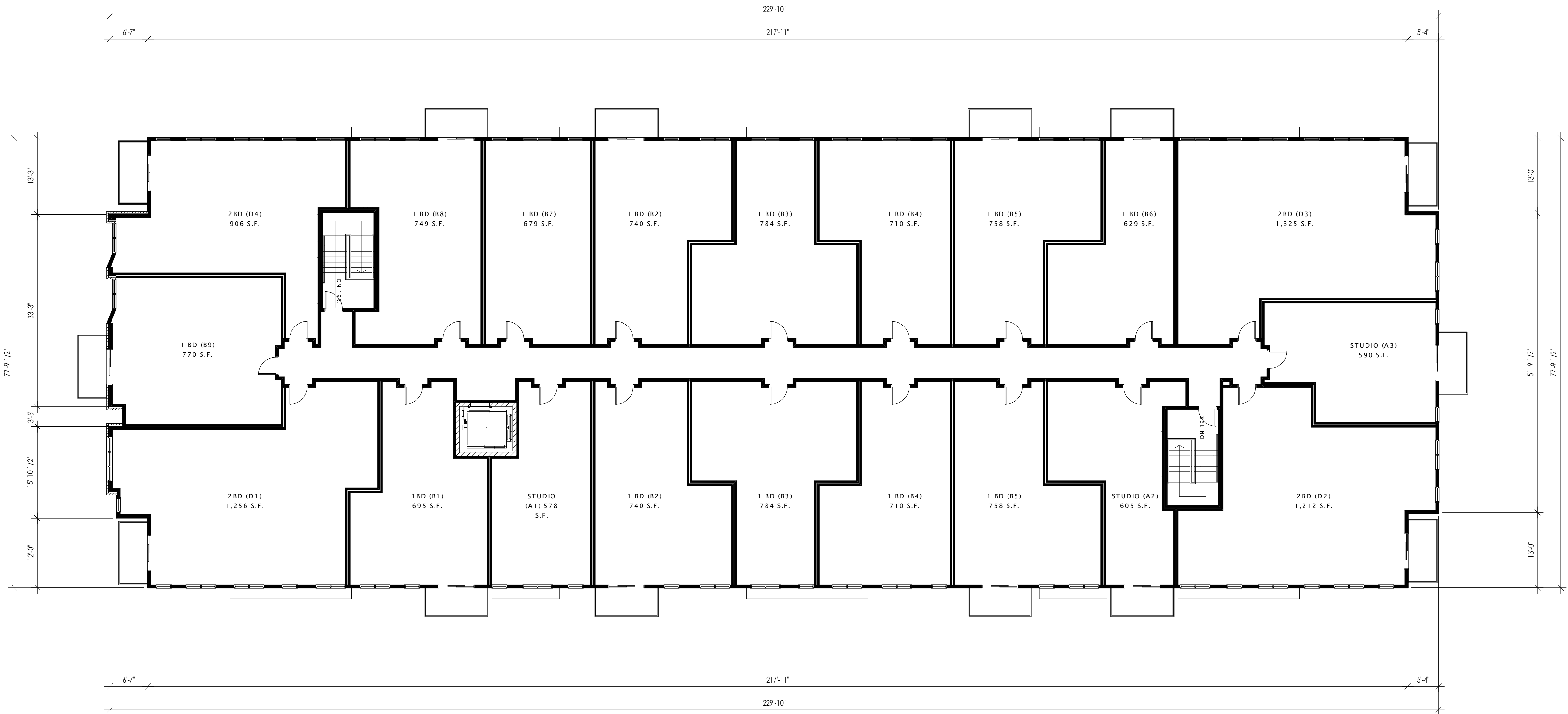
REVISION SCHEDULE		
Mark	Description	Date
1	FLOOR PLAN CHANGES	03/06/2020

SHEET TITLE

FOURTH & FIFTH  
FLOOR PLAN

SHEET NUMBER

A104



1 FOURTH & FIFTH FLOOR PLAN  
3/32" = 1'-0"





1 SKETCHUP NORTH ELEVATION  
3/32" = 1'-0"

5567 ODANA ROAD  
03/04/2020 Material Selection

MASONRY

BRICK VENEER #1  
BRICK VENEER #2  
BURNISHED BLOCK #1

COMPOSITE LAP SIDING

COMPOSITE LAP SIDING #1

COMPOSITE LAP SIDING - TRIM

COMPOSITE TRIM #1

COMPOSITE PANEL

COMPOSITE PANEL #1

WINDOWS/PATIO DOORS

RETAIL / COMMERCIAL - ALUMINUM WINDOW WITH ANODIZED FINISH  
RETAIL / COMMERCIAL - ALUMINUM DOORS WITH ANODIZED FINISH  
RESIDENTIAL - VINYL WINDOWS  
RESIDENTIAL - VINYL PATIO DOOR

OVERHEAD DOOR

INSULATED FIBERGLASS WITH GLAZING

GUARDRAILS/HANDRAILS

PRE-FINISHED ALUMINUM

ROOFING

STANDING SEAM METAL ROOF

FLAT LOCK METAL WALL / ROOF PANELS

FLAT LOCK WALL PANEL #1  
FLAT LOCK WALL PANEL #2  
FLAT LOCK ROOF PANEL #2

color/#

WARM LIGHT GREY  
WARM DARK GREY  
WARM LIGHT GREY

DARK GREY

MATCH COMPOSITE LAP SIDING #1

RUSTIC GRAIN - GOLDEN SPUR

DARK GREY

DARK GREY

DARK GREY

DARK GREY

DARK GREY

COPPER PENNY

COPPER PENNY

PRE-WEATHERED COPPER

PRE-WEATHERED COPPER



2 SKETCHUP NORTH ELEVATION BW  
3/32" = 1'-0"



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REVISION SCHEDULE

Mark	Description	Date
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SHEET TITLE

NORTH ELEVATIONS

SHEET NUMBER

A200





1 SKETCHUP SOUTH ELEVATION  
3/32" = 1'-0"



2 SKETCHUP SOUTH ELEVATION BW  
3/32" = 1'-0"

5567 ODANA ROAD  
03/04/2020 Material Selection

MASONRY

BRICK VENEER #1  
BRICK VENEER #2  
BURNISHED BLOCK #1

COMPOSITE LAP SIDING

COMPOSITE LAP SIDING #1

COMPOSITE LAP SIDING - TRIM

COMPOSITE TRIM #1

COMPOSITE PANEL

COMPOSITE PANEL #1

WINDOWS/PATIO DOORS

RETAIL / COMMERCIAL - ALUMINUM WINDOW WITH ANODIZED FINISH  
RETAIL / COMMERCIAL - ALUMINUM DOORS WITH ANODIZED FINISH  
RESIDENTIAL - VINYL WINDOWS  
RESIDENTIAL - VINYL PATIO DOOR

OVERHEAD DOOR

INSULATED FIBERGLASS WITH GLAZING

GUARDRAILS/HANDRAILS

PRE-FINISHED ALUMINUM

ROOFING

STANDING SEAM METAL ROOF

FLAT LOCK METAL WALL / ROOF PANELS

FLAT LOCK WALL PANEL #1  
FLAT LOCK WALL PANEL #2  
FLAT LOCK ROOF PANEL #2

color/#

WARM LIGHT GREY  
WARM DARK GREY  
WARM LIGHT GREY

DARK GREY

MATCH COMPOSITE LAP SIDING #1

RUSTIC GRAIN - GOLDEN SPUR

DARK GREY  
DARK GREY  
DARK GREY  
DARK GREY

DARK GREY

DARK GREY

COPPER PENNY

COPPER PENNY  
PRE-WEATHERED COPPER  
PRE-WEATHERED COPPER



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ARCHITECTS

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McGRATH PROPERTY  
GROUP

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REVISION SCHEDULE

Mark	Description	Date
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SHEET TITLE

SOUTH ELEVATIONS

SHEET NUMBER

A201





1 SKETCHUP EAST ELEVATION  
3/32" = 1'-0"



2 SKETCHUP EAST ELEVATION BW  
3/32" = 1'-0"



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McGRATH PROPERTY  
GROUP

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REVISION SCHEDULE

Mark	Description	Date
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SHEET TITLE

EAST ELEVATIONS

SHEET NUMBER

A202





1 SKETCHUP WEST ELEVATION  
3/32" = 1'-0"



2 SKETCHUP WEST ELEVATION BW  
3/32" = 1'-0"



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McGRATH PROPERTY  
GROUP

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REVISION SCHEDULE

Mark	Description	Date
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SHEET TITLE

WEST ELEVATIONS

SHEET NUMBER

A203





① SOUTHEAST PERSPECTIVE  
1" = 20'-0"



② SOUTHWEST PERSPECTIVE  
1" = 20'-0"



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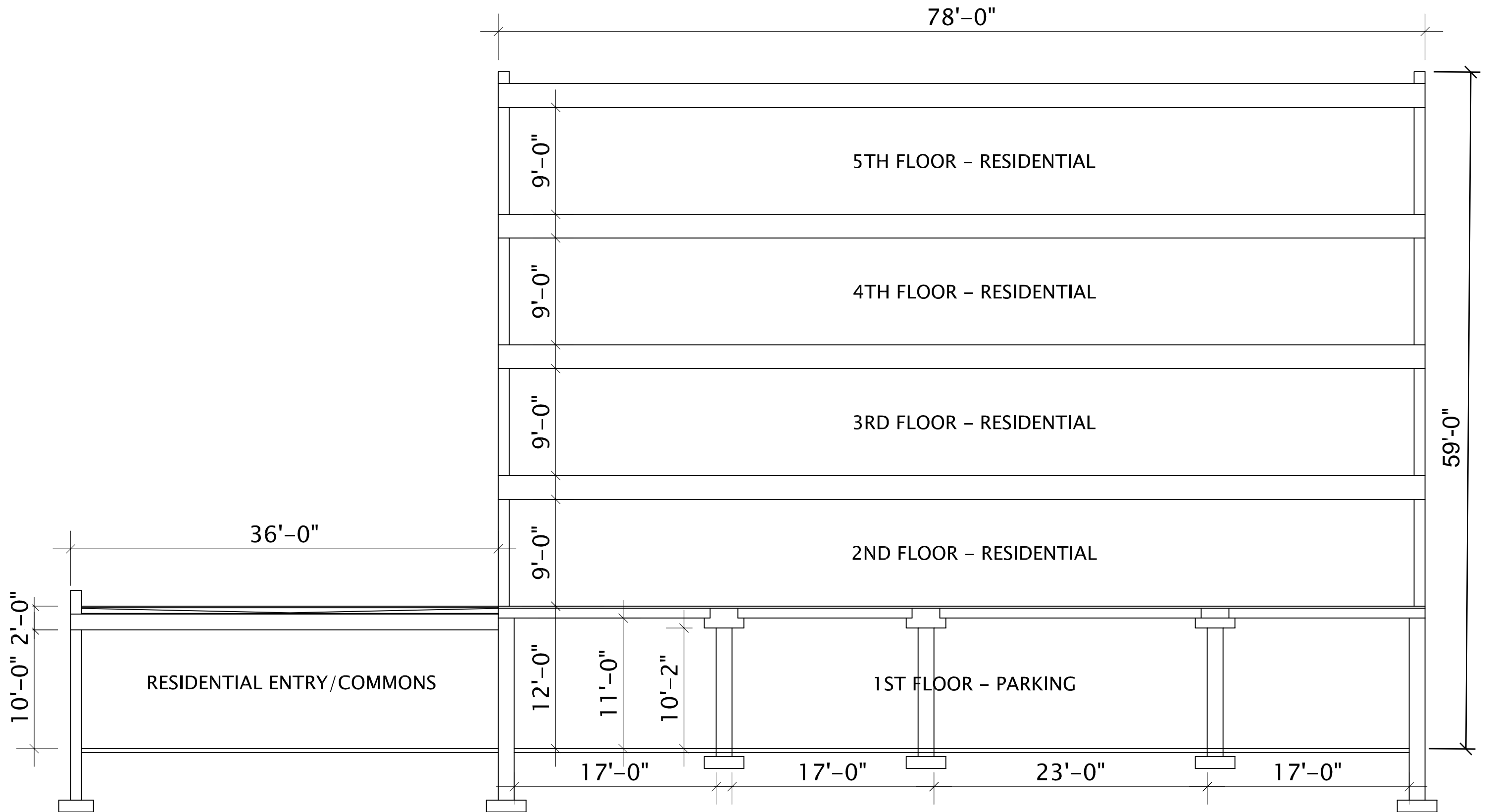
SHEET TITLE

PERSPECTIVES

SHEET NUMBER

A204





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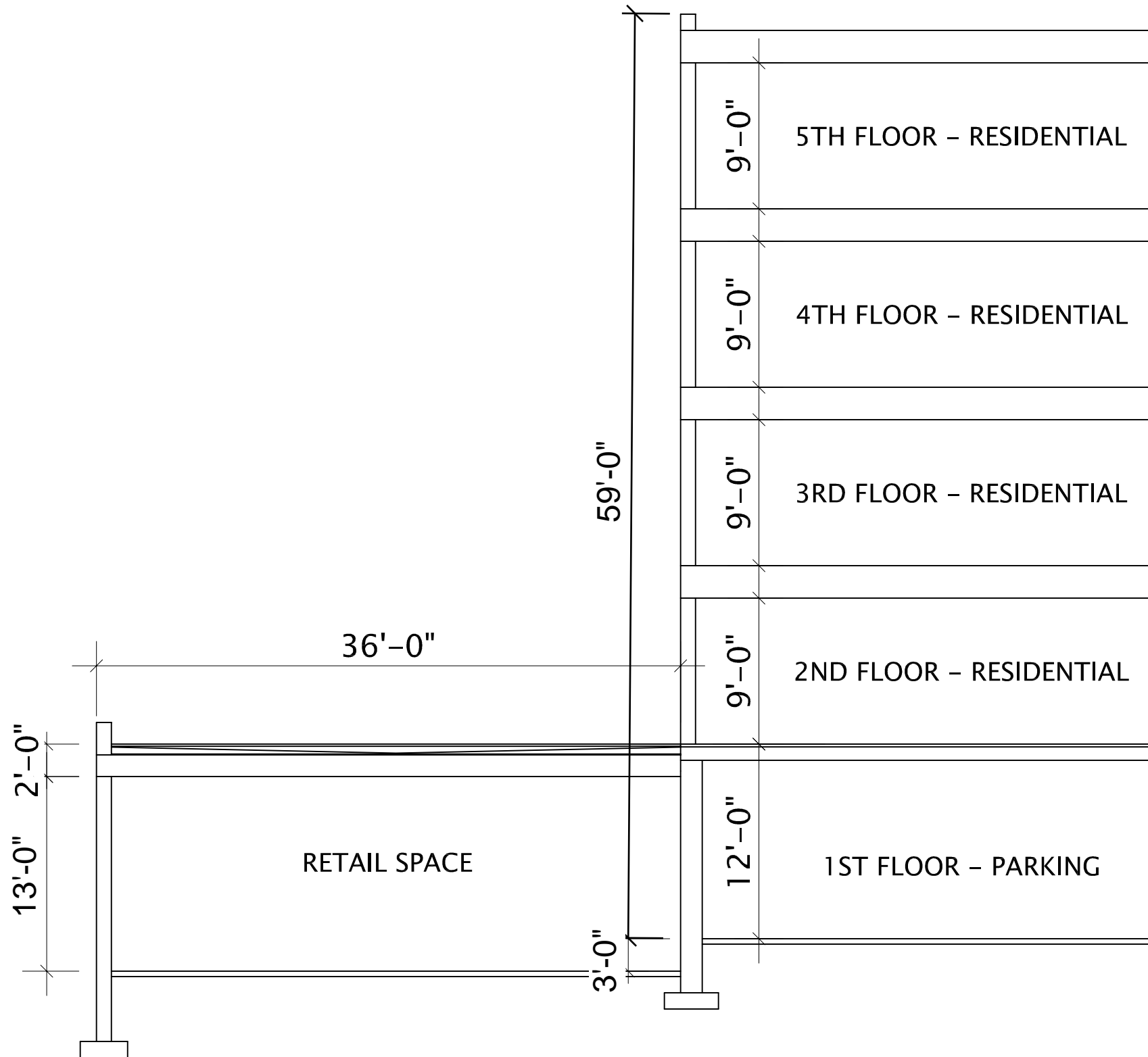
5567 ODANA ROAD

SCHEMATIC BUILDING SECTION @ RESIDENTIAL ENTRY

MARCH 4, 2020

1/8"=1' @ 11x17





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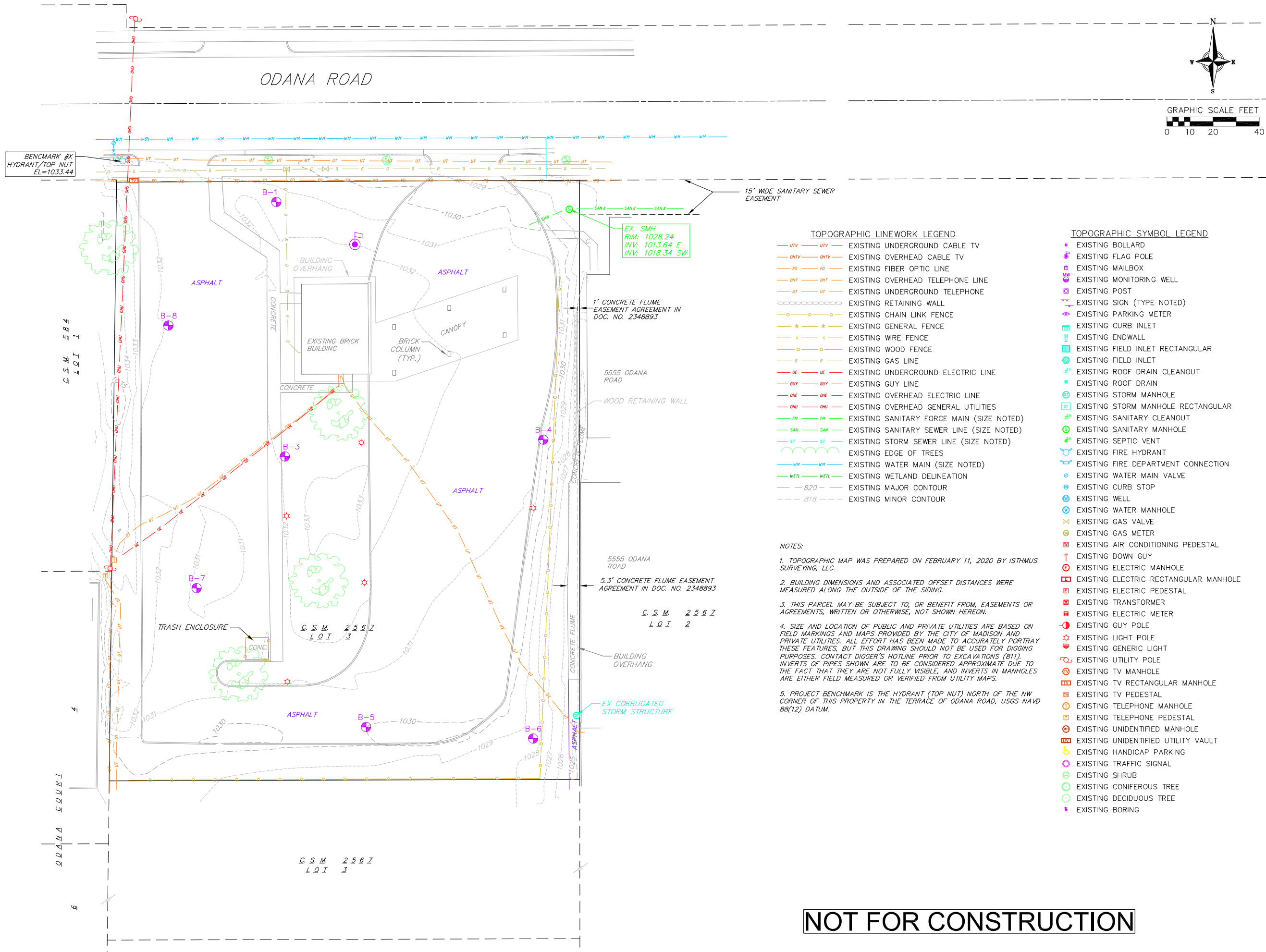
5567 ODANA ROAD

SCHEMATIC BUILDING SECTION @ RETAIL

MARCH 4, 2020

1/8"=1' @ 11x17





NOT FOR CONSTRUCTION



**vierbicher**  
planners | engineers | advisors

Phone: (800) 261-3898

### Existing Conditions Plan

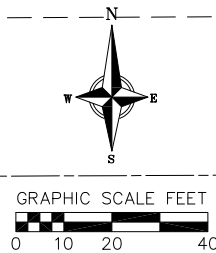
5567 Odana Road  
City of Madison  
Dane County, WI

REVISIONS	NO.	DATE	REMARKS



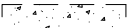
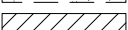





SCALE AS SHOWN
DATE 3/4/2020
DRAFTER SCHR/CLAN
CHECKED MSCH/TSCH
PROJECT NO. 200052

**C**  
**001**





### DEMOLITION PLAN LEGEND

	CURB AND GUTTER REMOVAL
	ASPHALT REMOVAL
	CONCRETE REMOVAL
	BUILDING REMOVAL
	TREE REMOVAL
	SAWCUT
	UTILITY STRUCTURE REMOVAL
	UTILITY LINE REMOVAL
	FENCE REMOVAL

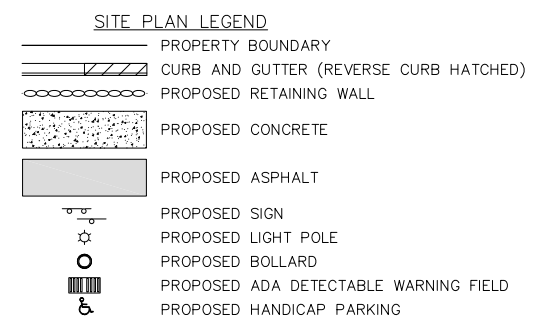
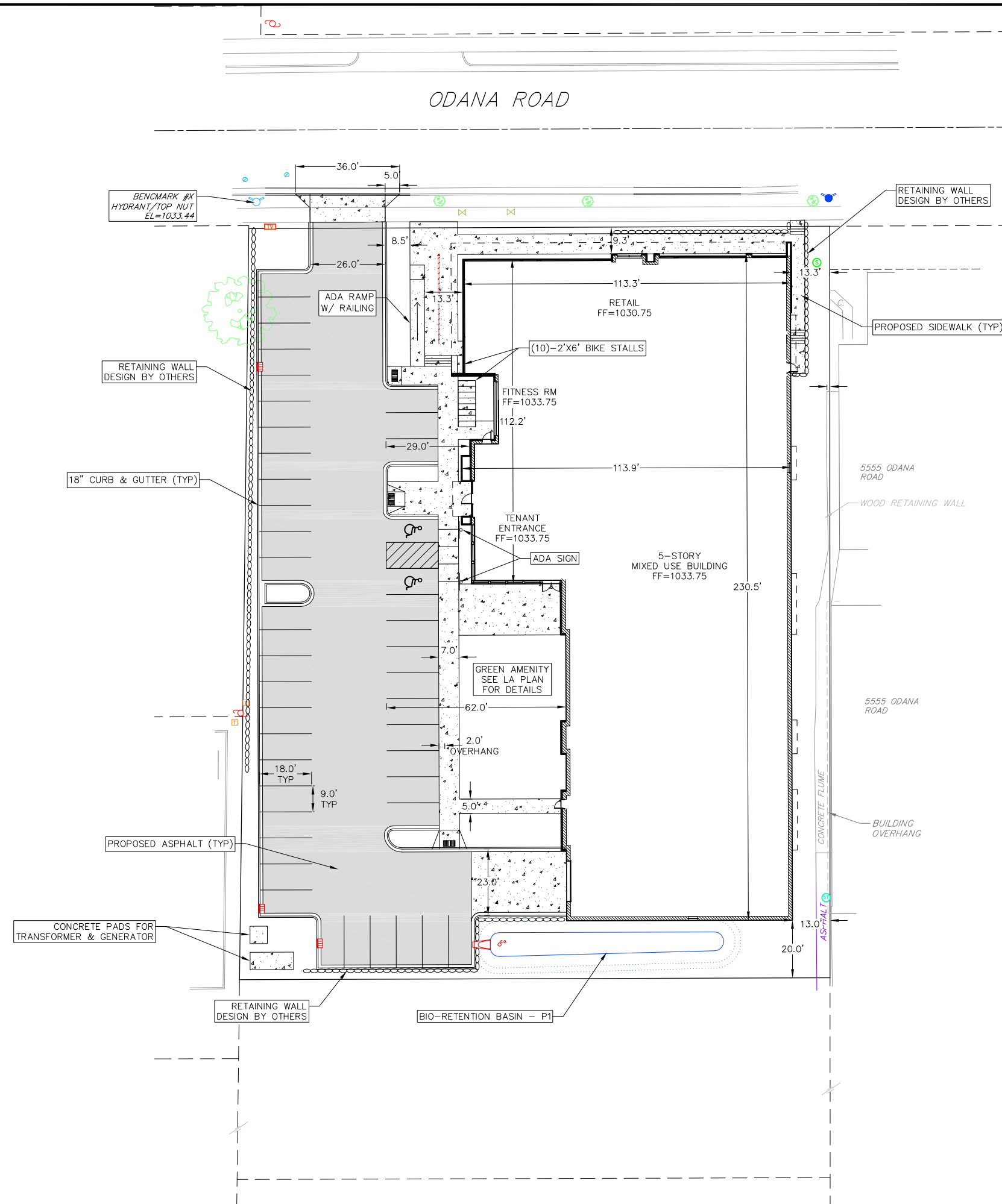
DEMOLITION NOTES:

1. INSTALL APPLICABLE EROSION CONTROL MEASURES PRIOR TO DEMOLITION.
2. CONTRACTOR SHALL KEEP ALL CITY STREETS FREE AND CLEAR OF CONSTRUCTION RELATED DIRT/DUST/DEBRIS.
3. COORDINATE EXISTING UTILITY REMOVAL/ABANDONMENT WITH LOCAL AUTHORITIES AND UTILITY COMPANIES HAVING JURISDICTION.
4. ALL SAWCUTTING SHALL BE FULL DEPTH TO PROVIDE A CLEAN EDGE TO MATCH NEW CONSTRUCTION. MATCH EXISTING ELEVATIONS AT POINTS OF CONNECTION FOR NEW AND EXISTING PAVEMENT, CURB, SIDEWALKS, ETC. ALL SAWCUT LOCATIONS SHOWN ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO ACCOMMODATE CONDITIONS, JOINTS, MATERIAL TYPE, ETC. REMOVE MINIMUM AMOUNT NECESSARY FOR INSTALLATION OF PROPOSED IMPROVEMENTS.
5. CONTRACTOR SHALL PROVIDE AND SHALL BE RESPONSIBLE FOR ANY NECESSARY TRAFFIC CONTROL SIGNAGE AND SAFETY MEASURES DURING DEMOLITION AND CONSTRUCTION OPERATIONS WITHIN OR NEAR THE PUBLIC ROADWAY.
6. COORDINATE TREE REMOVAL WITH LANDSCAPE ARCHITECT. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY AND STUMPS SHALL BE GROUND TO 12" BELOW PROPOSED SUBGRADE. ALL BRUSH SHALL BE CLEARED/REMOVED WITHIN THE DISTURBANCE LIMITS.
7. IF APPLICABLE, PROVIDE TREE PROTECTION FENCING PRIOR TO CONSTRUCTION OPERATIONS. MAINTAIN THROUGHOUT CONSTRUCTION.
8. CONTRACTOR SHALL OBTAIN ANY NECESSARY DEMOLITION AND UTILITY PLUGGING PERMITS FROM THE LOCAL MUNICIPALITY/UTILITY AGENCY.
9. THE LOCATION OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THE PLANS HAS BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE OWNER AND THE ENGINEER DO NOT ASSUME RESPONSIBILITY IN THE EVENT THAT DURING CONSTRUCTION, UTILITIES OTHER THAN THOSE SHOWN MAY BE ENCOUNTERED, AND THAT THE ACTUAL LOCATION OF THOSE WHICH ARE SHOWN MAY BE DIFFERENT FROM THE LOCATION AS SHOWN ON THE PLANS.
10. ANY DAMAGE TO THE CITY PAVEMENT, INCLUDING DAMAGE RESULTING FROM CURB REPLACEMENT, WILL REQUIRE RESTORATION IN ACCORDANCE WITH THE CITY ENGINEERING PATCHING CRITERIA.

**NOT FOR CONSTRUCTION**

101	C	PROJECT NO. 200052	CHECKED MSCH/TSCH	DRAFTER SCHR/CLAN	DATE 3/4/2020	SCALE AS SHOWN	REVISIONS		REVISIONS		
							NO.	DATE	REMARKS		
							Demolition Plan				
							5567 Odana Road				
							City of Madison				
							Dane County, WI				



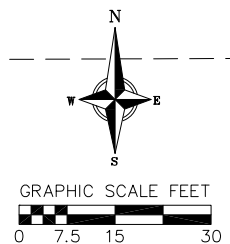
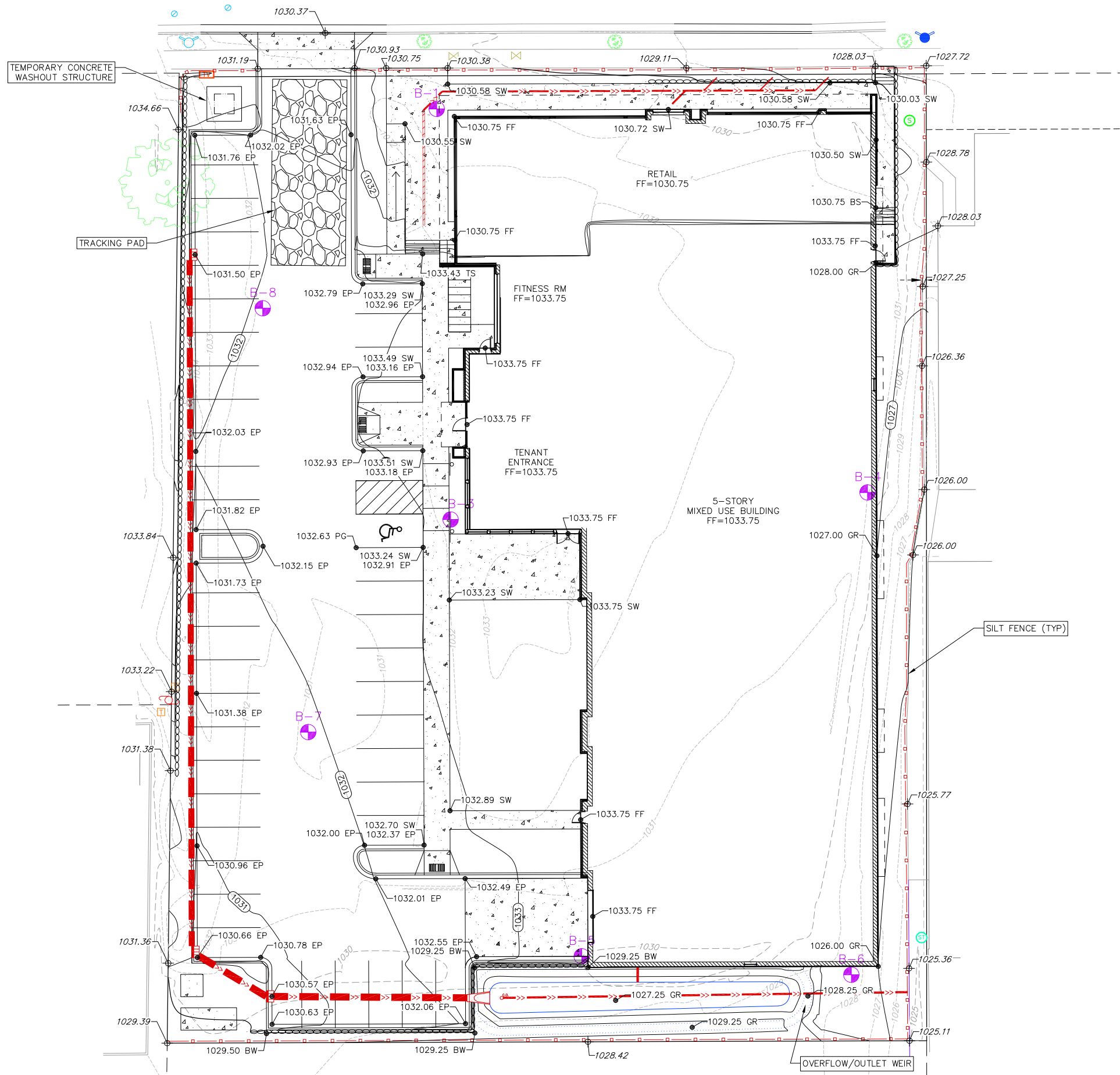


- SITE NOTES:**
1. CONTRACTOR TO OBTAIN ANY NECESSARY UTILITY CONNECTION, DEMOLITION, DRIVEWAY CONNECTION, RIGHT-OF-WAY AND EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
  2. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DURING CONSTRUCTION TO PUBLIC PROPERTY, PRIVATE PROPERTY OR UTILITIES.
  3. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF SITE RELATED ITEMS FOR REVIEW BY THE ENGINEER, PRIOR TO PLACING AN ORDER OF ANY SUCH ITEM.
  4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING PROPERTY CORNER MONUMENTATION. ANY MONUMENTS DISTURBED BY CONTRACTOR SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
  5. DIMENSIONS RELATING TO CURB ARE TO FACE OF CURB.

Parking Lot Plan Site Information Block	
Site Address: 5567 Odana Road	
Site acreage (total) = 1.21 ACRES	
Number of building stories (above grade):5	
Building height: Average Existing Grade to Top of Building = 56' – 8"	
DILHR type of construction (new structures):5A	
Use of property: Mixed Use – Multi-Family Residential & Retail	
Gross square feet of building: 91,562 GSF	
Gross square feet of retail area: 3,524 GSF	
Number of employees:N/A	
Number of employees in production area: N/A	
Capacity of restaurant/place of assembly: N/A	
Number of bicycle stalls shown: 30 floor mounted internal stalls 36 internal vertical stalls 10 external stalls	
Number of parking stalls:	
Proposed (Site)	42 Large + 0 Compact = 42
Proposed (Covered)	42 Large + 0 Compact = 42
Accessible	0 (Site) + 2 (Covered) = 2
Van Accessible	2 (Site) + 0 (Covered) = 2
Total	88
Number of trees shown: See Landscape Plan	

**NOT FOR CONSTRUCTION**





- GRADING LEGEND**
- 820 --- EXISTING MAJOR CONTOURS
  - 818 --- EXISTING MINOR CONTOURS
  - 820 --- PROPOSED MAJOR CONTOURS
  - 818 --- PROPOSED MINOR CONTOURS
  - SILT FENCE
  - DISTURBED LIMITS
  - 1048.61 EXISTING SPOT ELEVATIONS
  - 1048.61 PROPOSED SPOT ELEVATIONS
  - INLET PROTECTION
  - TRACKING PAD

- ABBREVIATIONS**
- TC - TOP OF CURB
  - FF - FINISHED FLOOR
  - FL - FLOW LINE
  - LP - LOW POINT
  - SW - TOP OF WALK
  - TW - FINISHED GRADE
  - AT - TOP OF WALL
  - BW - FINISHED GRADE
  - AT - BOTTOM OF WALL
  - EP - EDGE OF PAVEMENT
  - TS - TOP OF STEP
  - BS - BOTTOM OF STEP

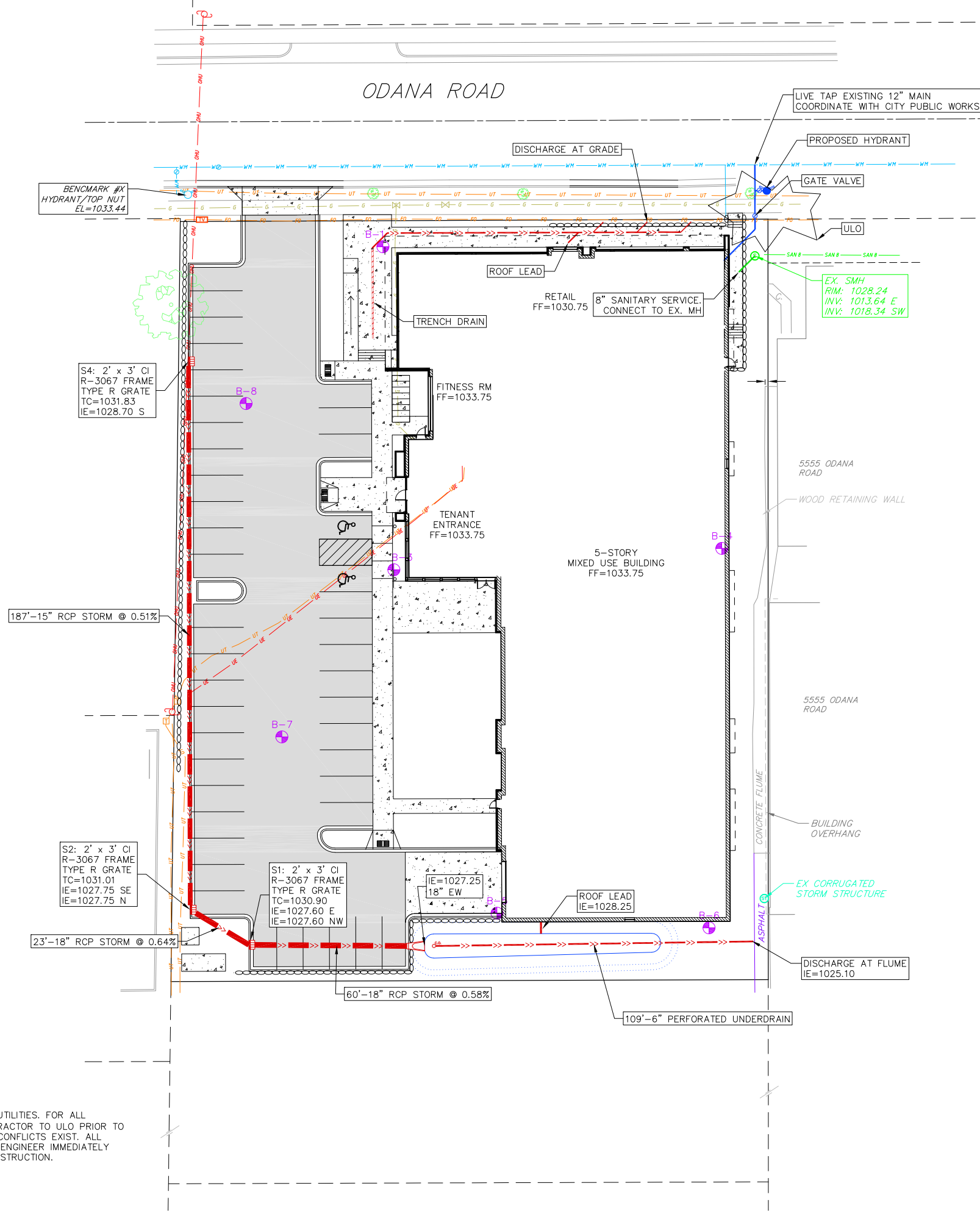
- GRADING NOTES:**
- CONTOURS ARE SHOWN FOR PURPOSES OF INDICATING ROUGH GRADING. FINAL GRADES SHALL BE ESTABLISHED ON PAVED SURFACES BY USING SPOT GRADES ONLY.
  - CROSS-SLOPE OF SITE SIDEWALKS SHALL BE 2% UNLESS OTHERWISE NOTED.
  - ACCESSIBLE ROUTES SHALL BE 5% MAX LONGITUDINAL SLOPE AND 2% MAX CROSS SLOPE. ACCESSIBLE LOADING AREAS OR LANDINGS SHALL BE 2% MAX SLOPE IN ANY DIRECTION. RAMPS SHALL BE 8.33% MAX SLOPE.

NOT FOR CONSTRUCTION

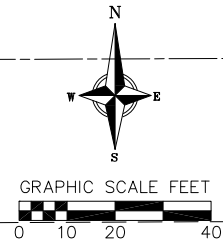
REVISIONS	NO.	DATE	REMARKS
REVISIONS			
NO.			
DATE			
REMARKS			



ULO - CAUTION UNDERGROUND UTILITIES. FOR ALL LOCATIONS MARKED "ULO" CONTRACTOR TO ULO PRIOR TO CONSTRUCTION TO CONFIRM NO CONFLICTS EXIST. ALL CONFLICTS TO BE REPORTED TO ENGINEER IMMEDIATELY PRIOR TO START OF UTILITY CONSTRUCTION.



NOT FOR CONSTRUCTION



PROPOSED UTILITY LEGEND

- STORM SEWER PIPE
- STORM SEWER MANHOLE
- STORM SEWER CURB INLET
- STORM SEWER FIELD INLET
- ROOF DRAIN CLEANOUT
- SANITARY SEWER LATERAL PIPE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- WATER SERVICE LATERAL PIPE
- WATER VALVE
- PROPOSED PIPE INSULATION
- GAS MAIN
- ELECTRIC SERVICE

ABBREVIATIONS

- STMH - STORM MANHOLE
- FI - FIELD INLET
- CI - CURB INLET
- CB - CATCH BASIN
- EW - ENDWALL
- SMH - SANITARY MANHOLE

UTILITY NOTES:

- SANITARY & STORM SEWER LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. STORM SEWER END SECTIONS ARE INCLUDED IN THE LENGTH AND SLOPE OF THE PIPE.
- CONTRACTOR SHALL INVESTIGATE ALL UTILITY CROSSINGS PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL UTILITY STRUCTURES TO FINISHED GRADE (MANHOLE RIMS, WATER VALVES, AND CURB STOPS), IF NECESSARY.
- FOR ALL SEWER AND WATER MAIN CROSSINGS: PROVIDE MINIMUM 18" SEPARATION WHEN WATER MAIN CROSSES BELOW SEWER AND MINIMUM 6" SEPARATION WHEN WATER MAIN CROSSES ABOVE SEWER.
- IF DEWATERING OPERATIONS EXCEED 70 GALLONS PER MINUTE OF PUMPING CAPACITY, A DEWATERING WELL PERMIT SHALL BE OBTAINED PRIOR TO STARTING ANY DEWATERING ACTIVITIES.
- A COPY OF THE APPROVED UTILITY PLANS, SPECIFICATIONS AND PLUMBING PERMIT APPROVAL LETTER SHALL BE ON-SITE DURING CONSTRUCTION AND OPEN TO INSPECTION BY AUTHORIZED REPRESENTATIVES OF THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES AND OTHER LOCAL INSPECTORS.
- STORM BUILDING SEWER PIPE SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-6 OF SPS 384.30(3)(c).
- UNDERGROUND DRAIN AND VENT PIPE/TUBING SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-2 OF SPS 384.30(2).
- PRIVATE WATER SERVICES AND PRIVATE WATER MAINS SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-7 OF SPS 384.30(4)(d).
- PRIVATE SANITARY SEWER AND LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) ASTM D3034 - SDR 35 OR APPROVED EQUAL MATERIAL THAT CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 384.30-3 OF SPS 384.30(2)(c).
- A MEANS TO LOCATE BURIED UNDERGROUND EXTERIOR NON METALLIC SEWERS/MAINS AND WATER SERVICES/MAINS MUST BE PROVIDED WITH TRACER WIRE OR OTHER METHODS IN ORDER TO BE LOCATED PER SPS 382.10(11)(h) AND SPS 382.40(8)(k).
- EXTERIOR WATER SUPPLY PIPING SETBACKS AND CROSSINGS SHALL BE IN ACCORDANCE WITH SPS 382.40(8)(b.).
- NO PERSON MAY ENGAGE IN PLUMBING WORK IN THE STATE UNLESS LICENSED TO DO SO BY THE DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES PER S.145.06.
- SITE CONTRACTOR SHALL LEAVE SANITARY AND WATER LATERALS FIVE (5) FEET SHORT (HORIZONTALLY) FROM THE BUILDING. BUILDING PLUMBER SHALL VERIFY SIZE, LOCATION, AND INVERT ELEVATION OF PROPOSED SANITARY AND WATER LATERALS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE EXISTING VALVES WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. THE CITY IS NOT RESPONSIBLE FOR ANY COSTS INCURRED DUE TO THE CONTRACTOR NOT VERIFYING THAT THE EXISTING VALVE WILL HOLD THE PRESSURE TEST PRIOR TO CONNECTION. IF A NEW VALVE IS REQUIRED, THE APPLICANT WILL BE REQUIRED TO INSTALL ONE AT THEIR EXPENSE, AT THE POINT OF CONNECTION.
- CONTRACTOR TO CHLORINATE AND BACTERIA TEST BEFORE DOMESTIC SUPPLY PURPOSES
- CLEAN OUT ALL EXISTING AND PROPOSED STORM INLETS AND CATCH BASINS AT THE COMPLETION OF CONSTRUCTION.
- SANITARY SEWER MAIN AT BURY DEPTHS GREATER THAN 15' SHALL BE SDR 21. ALL OTHER SANITARY SEWER MAIN SHALL BE SDR 26.
- CONTRACTOR SHALL COORDINATE WITH DRY UTILITY COMPANY'S REGARDING ANY POTENTIAL CONFLICTS AND COORDINATE RELOCATIONS AS MAY BE REQUIRED. CONTRACTOR SHALL ALSO COORDINATE THE PROPOSED INSTALLATION OF NEW FACILITIES AS REQUIRED.
- INSTALL WATER MAIN AT ADEQUATE DEPTH (MIN 6.5' OF COVER) TO AVOID CONFLICT WITH PROPOSED SANITARY SEWER AND STORM SEWER PER DNR STANDARDS EXCEPT WHERE NOTED ON THE PLANS. MAINTAIN MINIMUM 1.5' CLEAR SEPARATION IF WATER CROSSES BELOW SEWER AND MINIMUM 0.5' IF WATER CROSSES ABOVE.
- SANITARY MANHOLES WITH SEWER MAIN CONNECTIONS GREATER THAN 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN EXTERNAL DROP. MANHOLES WITH SEWER LATERAL CONNECTIONS GREATER THAN 2' ABOVE THE LOWEST INVERT SHALL BE CONSTRUCTED WITH AN INTERNAL DROP.
- INSTALL 1 SHEET OF 4'x8'x4" HIGH DENSITY STYROFOAM INSULATION AT ALL LOCATIONS WHERE STORM SEWER CROSSES WATER MAIN OR WATER LATERALS.
- UTILITY STRUCTURES SHALL BE SET TO FINAL ELEVATIONS AFTER THE CURB & GUTTER AND BASE COURSE HAVE BEEN INSTALLED.
- CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING SANITARY SEWER, STORM SEWER AND WATER MAIN PRIOR TO CONSTRUCTION TO ENSURE PROPER CLEARANCE OF THE NEW UTILITIES. CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES DURING CONSTRUCTION. ANY DAMAGE TO THE EXISTING UTILITIES AND ANY REPAIRS NEEDED AS A RESULT OF THE DAMAGE SHALL BE AT THE EXPENSE OF THE CONTRACTOR REGARDLESS OF THE LOCATION MARKED IN THE FIELD OR SHOWN ON THE PLANS.



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Utility Plan

5567 Odana Road  
City of Madison  
Dane County, WI

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PROJECT NO.	200052

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EROSION CONTROL MEASURES

1. EROSION CONTROL SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON EROSION CONTROL ORDINANCE AND CHAPTER NR 216 OF THE WISCONSIN ADMINISTRATIVE CODE.
2. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARDS (http://dnr.wi.gov/runoff/stormwater/techstds.htm) AND WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK.
3. INSTALL SEDIMENT CONTROL PRACTICES (TRACKING PAD, PERIMETER SILT FENCE, SEDIMENT BASINS, ETC.) PRIOR TO INITIATING OTHER LAND DISTURBING CONSTRUCTION ACTIVITIES.
4. THE CONTRACTOR IS REQUIRED TO MAKE EROSION CONTROL INSPECTIONS AT THE END OF EACH WEEK AND WHEN 0.5 INCHES OF RAIN FALLS WITHIN 24 HOURS. INSPECTION REPORTS SHALL BE PREPARED AND FILED AS REQUIRED BY THE DNR AND/OR CITY. ALL MAINTENANCE WILL FOLLOW AN INSPECTION WITHIN 24 HOURS.
5. EROSION CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THIS PROJECT. EROSION CONTROL MEASURES AS SHOWN SHALL BE THE MINIMUM PRECAUTIONS THAT WILL BE ALLOWED. ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE DEVELOPER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.
6. A 3" CLEAR STONE TRACKING PAD SHALL BE INSTALLED AT THE END OF ROAD CONSTRUCTION LIMITS TO PREVENT SEDIMENT FROM BEING TRACKED ONTO THE ADJACENT PAVED PUBLIC ROADWAY. SEDIMENT TRACKING PAD SHALL CONFORM TO WISDNR TECHNICAL STANDARD 1057. SEDIMENT REACHING THE PUBLIC ROAD SHALL BE REMOVED BY STREET CLEANING (NOT HYDRAULIC FLUSHING) BEFORE THE END OF EACH WORK DAY.
7. CHANNELIZED RUNOFF: FROM ADJACENT AREAS PASSING THROUGH THE SITE SHALL BE DIVERTED AROUND DISTURBED AREAS.
8. STABILIZED DISTURBED GROUND: ANY SOIL OR DIRT PILES WHICH WILL REMAIN IN EXISTENCE FOR MORE THAN 7-CONSECUTIVE DAYS, WHETHER TO BE WORKED DURING THAT PERIOD OR NOT, SHALL NOT BE LOCATED WITHIN 25- FEET OF ANY ROADWAY, PARKING LOT, PAVED AREA, OR DRAINAGE STRUCTURE OR CHANNEL (UNLESS INTENDED TO BE USED AS PART OF THE EROSION CONTROL MEASURES). TEMPORARY STABILIZATION AND CONTROL MEASURES (SEEDING, MULCHING, TARPING, EROSION MATTING, BARRIER FENCING, ETC.) ARE REQUIRED FOR THE PROTECTION OF DISTURBED AREAS AND SOIL PILES, WHICH WILL REMAIN UN-WORKED FOR A PERIOD OF MORE THAN 14-CONSECUTIVE CALENDAR DAYS. THESE MEASURES SHALL REMAIN IN PLACE UNTIL SITE HAS STABILIZED.
9. SITE DE-WATERING: WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS OR OTHER APPROPRIATE CONTROL MEASURES. SEDIMENTATION BASINS SHALL HAVE A DEPTH OF AT LEAST 3 FEET, BE SURROUNDED BY SNOWFENCE OR EQUIVALENT BARRIER AND HAVE SUFFICIENT SURFACE AREA TO PROVIDE A SURFACE SETTLING RATE OF NO MORE THAN 750 GALLONS PER SQUARE FOOT PER DAY AT THE HIGHEST DEWATERING PUMPING RATE. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, A NEIGHBORING SITE, OR THE BED OR BANKS OF THE RECEIVING WATER. POLYMERS MAY BE USED AS DIRECTED BY DNR TECHNICAL STANDARD 1061 (DE-WATERING).
10. WASHED STONE WEEPERS OR TEMPORARY EARTH BERMS SHALL BE BUILT PER PLAN BY CONTRACTOR TO TRAP SEDIMENT OR SLOW THE VELOCITY OF STORM WATER.
11. SEE GRADING AND EROSION CONTROL PLAN FOR RIP-RAP SIZING. IN NO CASE WILL RIP-RAP BE SMALLER THAN 3" TO 6".
12. INLET FILTERS ARE TO BE PLACED IN STORMWATER INLET STRUCTURES AS SOON AS THEY ARE INSTALLED. THE FILTERS SHALL BE MAINTAINED UNTIL THE DISTURBED AREAS ARE BOTH 70% RESTORED AND PAVED.
13. USE DETENTION BASINS AS SEDIMENT BASINS DURING CONSTRUCTION (DO NOT USE INFILTRATION AREAS). AT THE END OF CONSTRUCTION, REMOVE SEDIMENT AND RESTORE PER PLAN.
14. RESTORATION (SEED, FERTILIZE AND MULCH) SHALL BE PER SPECIFICATIONS ON THIS SHEET UNLESS SPECIAL RESTORATION IS CALLED FOR ON THE LANDSCAPE PLAN.
15. TERRACES SHALL BE RESTORED WITH 6" TOPSOIL, PERMANENT SEED, FERTILIZER AND MULCH. LOTS SHALL BE RESTORED WITH 6" TOPSOIL, TEMPORARY SEED, FERTILIZER AND MULCH.
16. SEED, FERTILIZER AND MULCH SHALL BE APPLIED WITHIN 7 DAYS AFTER FINAL GRADE HAS BEEN ESTABLISHED. IF DISTURBED AREAS WILL NOT BE RESTORED IMMEDIATELY AFTER ROUGH GRADING, TEMPORARY SEED SHALL BE PLACED.
17. FOR THE FIRST SIX WEEKS AFTER RESTORATION (E.G. SEED & MULCH, EROSION MAT, SOD) OF A DISTURBED AREA, INCLUDE SUMMER WATERING PROVISIONS OF ALL NEWLY SEEDED AND MULCHED AREAS WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.
18. EROSION MAT (CLASS I, TYPE B PER WISCONSIN D.O.T. P.A.L.) SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER BUT LESS THAN 1:1.
19. SOIL STABILIZERS SHALL BE APPLIED TO DISTURBED AREAS WITH SLOPES BETWEEN 10% AND 3:1 (DO NOT USE IN CHANNELS). SOIL STABILIZERS SHALL BE TYPE B, PER WISCONSIN D.O.T. P.A.L. (PRODUCT ACCEPTABILITY LIST), OR EQUAL. APPLY AT RATES AND METHODS SPECIFIED PER MANUFACTURER. SOIL STABILIZERS SHALL BE RE-APPLIED WHENEVER VEHICLES OR OTHER EQUIPMENT TRACK ON THE AREA.
20. SILT FENCE OR EROSION MAT SHALL BE INSTALLED ALONG THE CONTOURS AT 100 FOOT INTERVALS DOWN THE SLOPE ON THE DISTURBED SLOPES STEEPER THAN 5% AND MORE THAN 100 FEET LONG THAT SHEET FLOW TO THE ROADWAY UNLESS SOIL STABILIZERS ARE USED.
21. SILT FENCE TO BE USED ACROSS AREAS OF THE LOT THAT SLOPE TOWARDS A PUBLIC STREET OR WATERWAY. SEE DETAILS.
22. SEDIMENT SHALL BE CLEANED FROM CURB AND GUTTER AFTER EACH RAINFALL AND PRIOR TO PROJECT ACCEPTANCE.
23. ACCUMULATED CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM ALL PERMANENT BASINS TO THE ELEVATION SHOWN ON THE GRADING PLAN FOLLOWING THE STABILIZATION OF DRAINAGE AREAS.
24. ALL CONSTRUCTION ENTRANCES SHALL HAVE TEMPORARY ROAD CLOSED SIGNS THAT WILL BE IN PLACE WHEN THE ENTRANCE IS NOT IN USE AND AT THE END OF EACH DAY.
25. ANY PROPOSED CHANGES TO THE EROSION CONTROL PLAN MUST BE SUBMITTED AND APPROVED BY THE CITY AND STATE.
26. THE CITY, OWNER AND/OR ENGINEER MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES AT ANY TIME DURING CONSTRUCTION.
27. THE CONTRACTOR SHALL REMOVE ANY SEDIMENT TRACKED ONTO ADJACENT ROADS BY MEANS OF STREET SWEEPING (NOT FLUSHING) AT A MINIMUM OF THE END OF EACH WORK DAY OR MORE AS NEEDED.

SEEDING RATES:

- TEMPORARY:
1. USE ANNUAL OATS AT 3.0 LB./1,000 S.F. FOR SPRING AND SUMMER PLANTINGS.
2. USE WINTER WHEAT OR RYE AT 3.0 LB./1,000 SF FOR FALL PLANTINGS STARTED AFTER SEPTEMBER 15.

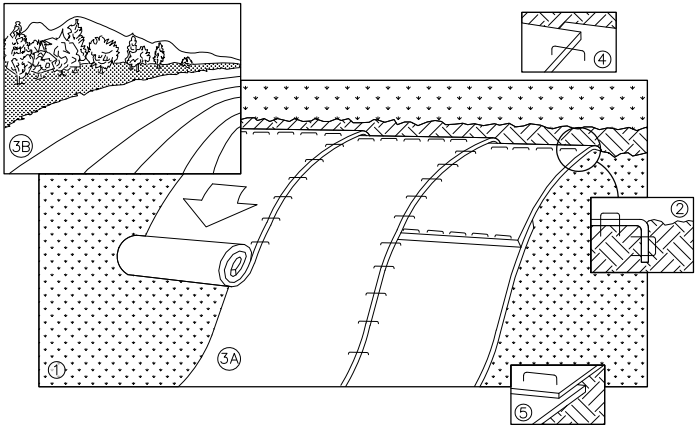
- PERMANENT:
1. USE WISCONSIN D.O.T. SEED MIX #40 AT 2 LB./1,000 S.F.

FERTILIZING RATES:

- TEMPORARY AND PERMANENT:
- USE WISCONSIN D.O.T. TYPE A OR B AT 7 LB./1,000 S.F.

MULCHING RATES:

- TEMPORARY AND PERMANENT:
- USE ½" TO 1-½" STRAW OR HAY MULCH, CRIMPED PER SECTION 607.3.2.3, OR OTHER RATE AND METHOD PER SECTION 627, WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION



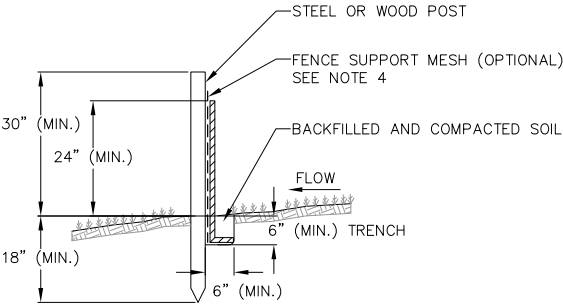
NOTE: REFER TO GENERAL STAPLE PATTERN GUIDE FOR CORRECT STAPLE PATTERN RECOMMENDATIONS FOR SLOPE INSTALLATIONS.

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF FERTILIZER AND SEED.  
NOTE: WHEN USING CELL-0-SEED, DO NOT SEED PREPARED AREA. CELL-0-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
3. ROLL THE BLANKETS <A.> DOWN, OR <B.> HORIZONTALLY ACROSS THE SLOPE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
5. WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 4" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
6. ALL BLANKETS MUST BE SECURELY FASTENED TO THE SLOPE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS RECOMMENDED BY THE MANUFACTURER.

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EROSION MAT

NOT TO SCALE



- NOTES:
1. INSTALL SILT FENCE TO FOLLOW THE GROUND CONTOURS AS CLOSELY AS POSSIBLE.
2. CURVE THE SILT FENCE UP THE SLOPE TO PREVENT WATER FROM RUNNING AROUND THE ENDS.
3. POST SPACING WITH FENCE SUPPORT MESH = 10 FT. (MAX.)  
  
POST SPACING WITHOUT FENCE SUPPORT MESH = 6 FT. (MAX.)
4. SILT FENCE SUPPORT MESH CONSISTS OF 14-GAUGE STEEL WIRE WITH A MESH SPACING OF 6 IN. X 6 IN. OR PREFABRICATED POLYMERIC MESH OF EQUIVALENT STRENGTH

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SILT FENCE

NOT TO SCALE



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Construction Details - 1

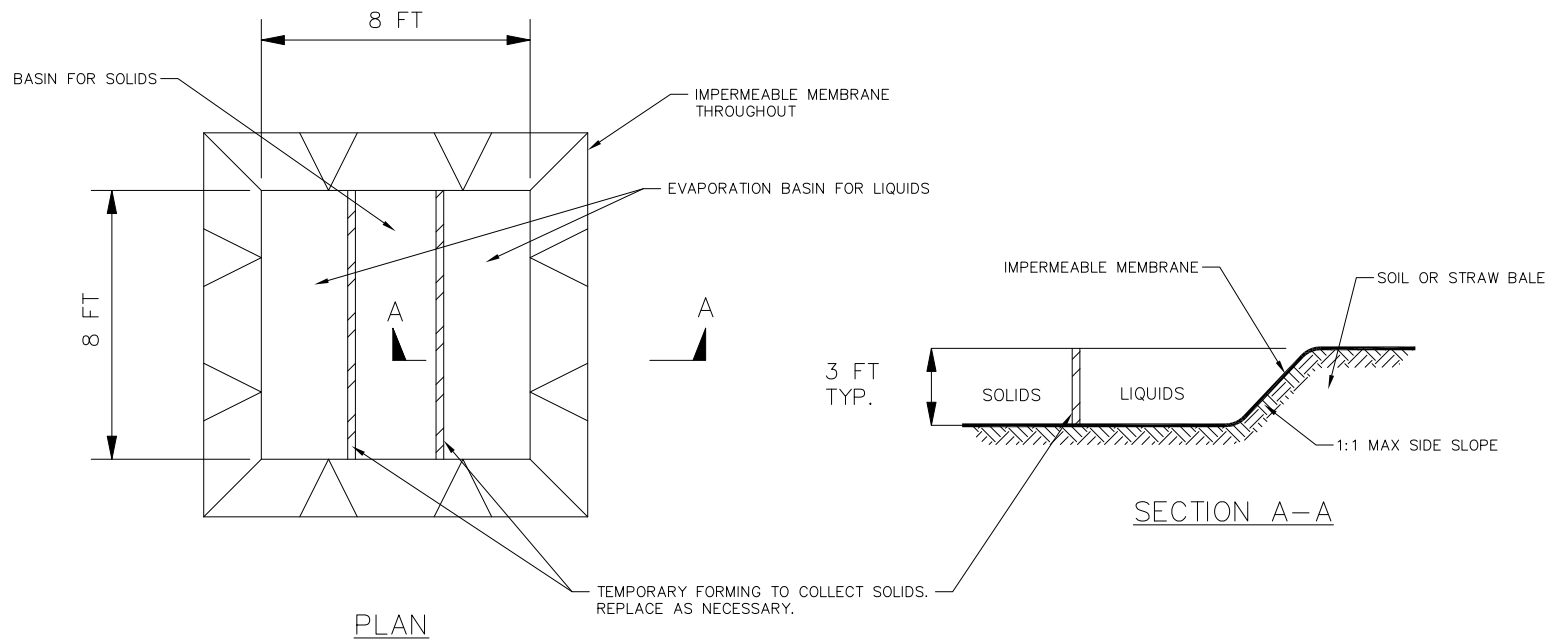
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Dane County, WI

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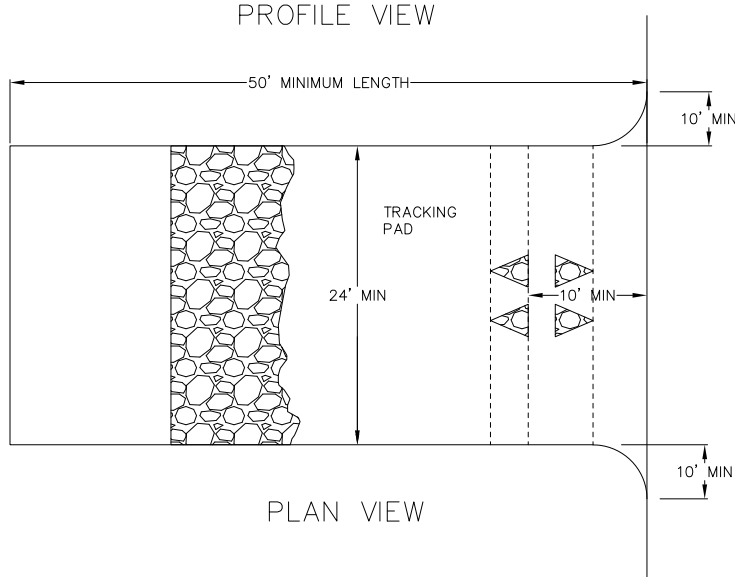
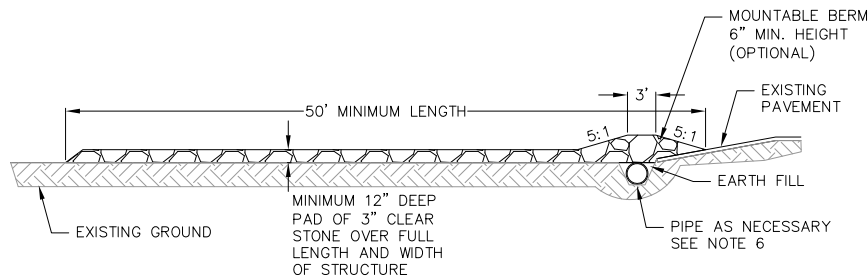




CONSTRUCTION SPECIFICATIONS

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
2. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
3. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

1 TEMPORARY CONCRETE WASHOUT  
1 NOT TO SCALE



1. FOLLOW WISCONSIN DNR TECHNICAL STANDARD 1057 FOR FURTHER DETAILS AND INSTALLATION.
2. LENGTH – MINIMUM OF 50'.
3. WIDTH – 24' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
4. ON SITES WITH A HIGH GROUNDWATER TABLE OR WHERE SATURATED CONDITIONS EXIST, GEOTEXTILE FABRIC SHALL BE PLACED OVER EXISTING GROUND PRIOR TO PLACING STONE. FABRIC SHALL BE WISDOT TYPE-HR GEOTEXTILE FABRIC.
5. STONE – CRUSHED 3" CLEAR STONE SHALL BE PLACED AT LEAST 12" DEEP OVER THE ENTIRE LENGTH AND WIDTH OF ENTRANCE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARDS CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE. MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MINIMUM OF 6" STONE OVER THE PIPE. PIPE SHALL BE SIZED ACCORDING TO THE DRAINAGE REQUIREMENTS. WHEN THE ENTRANCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY A PIPE SHALL NOT BE NECESSARY. THE MINIMUM PIPE DIAMETER SHALL BE 6". CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID PIPE.
7. LOCATION – A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED WHERE CONSTRUCTION TRAFFIC ENTERS AND/OR LEAVES THE CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE TRACKING PAD.

1 TRACKING PAD  
1 NOT TO SCALE



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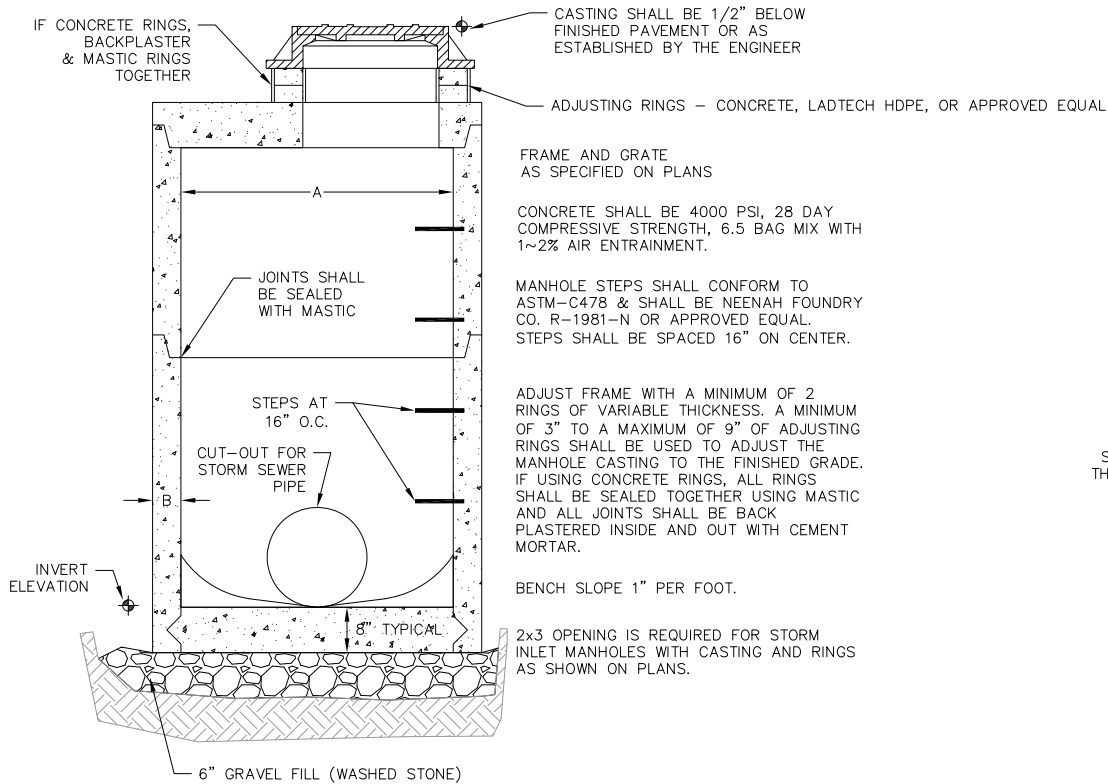
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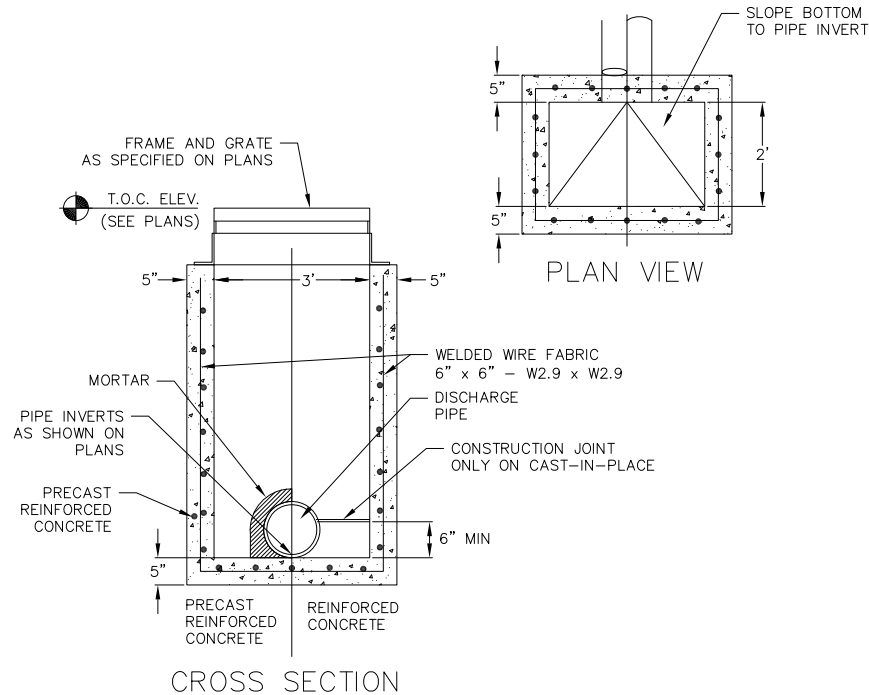
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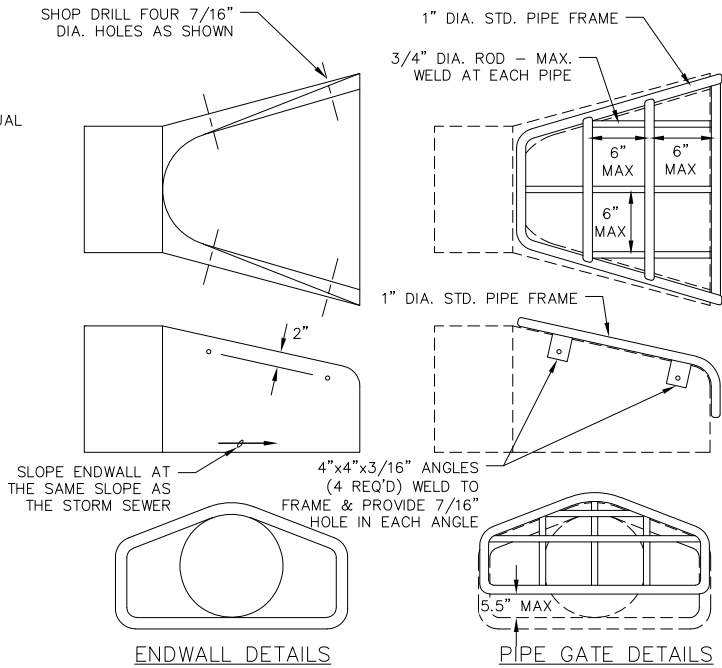
### STORM MANHOLE DIMENSIONS

MANHOLE SIZE	DIMENSION	
	A	B (MIN.)
48"	48"	5"
60"	60"	6"
72"	72"	7"
84"	84"	7"
96"	96"	9"

1 STORM SEWER MANHOLE  
1 NOT TO SCALE



1 CURB INLET — TYPE 3, 2' x 3' BASIN  
1 NOT TO SCALE



#### NOTES:

- THE CONTRACTOR SHALL BOLT THE PIPE GATE TO THE CONCRETE ENDWALL WITH 3/8"x6" MACHINE BOLTS WITH NUTS ON INSIDE WALL.
- MANUFACTURER RECOMMENDED FRAME/ROD DIAMETER, BOLTS, AND ATTACHMENT MECHANISM MAY BE USED IF APPROVED BY ENGINEER.
- GRATES SHALL MEET SPS382.36(9)(B)3E SO AS NOT TO PERMIT PASSAGE OF A 6" SPHERE.

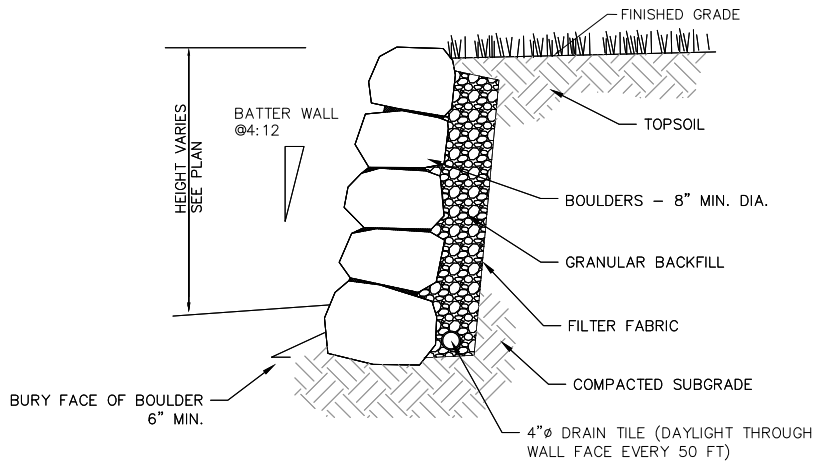
#### PAINTING SPECIFICATIONS:

THE PIPE GATE SHALL RECEIVE THE FOLLOWING PREPARATION & PAINTING. THE FIRST COAT SHALL BE RUS-OLEUM X-60 RED BARE METAL PRIMER OR APPROVED EQUAL. THE SECOND COAT SHALL BE RUS-OLEUM 960 ZINC CHROMATE PRIMER OR APPROVED EQUAL. THE THIRD COAT SHALL BE RUS-OLEUM 1282 HIGH GLOSS METAL FINISH OR APPROVED EQUAL.

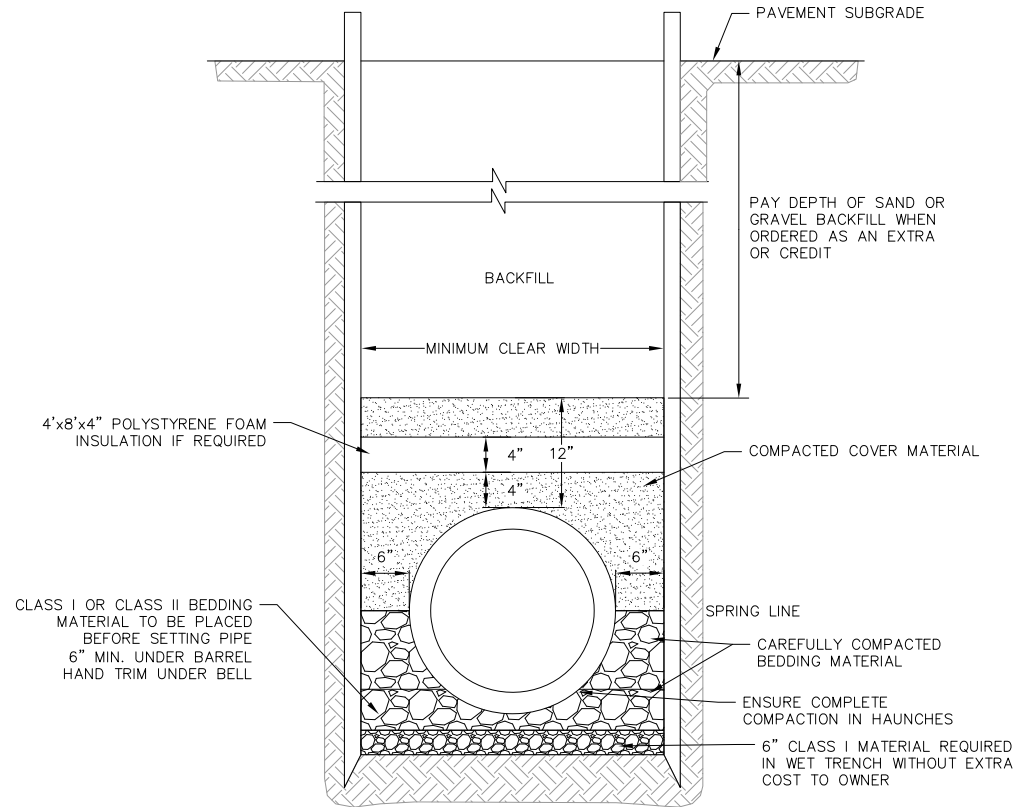
#### PREPARATION STEPS:

- BARE METAL SURFACES — TREAT WITH THE THREE-COAT PAINTING SYSTEM LISTED AFTER A THOROUGH SCRAPING, WIRE BRUSHING & CLEANING.
- EACH COAT OF PAINT SHALL BE APPLIED OVER THE ENTIRE GATE SURFACE.
- ALLOW 24-48 HOURS DRYING TIME AT 60° OR ABOVE BETWEEN COATS.

1 STANDARD ENDWALL  
1 NOT TO SCALE



1 BOULDER WALL  
1 NOT TO SCALE



1 CLASS B RIGID PIPE TRENCH SECTION  
1 NOT TO SCALE



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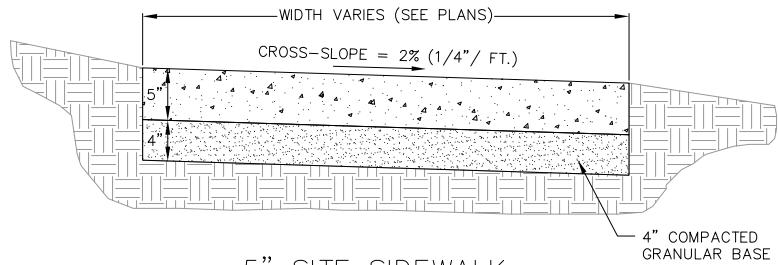
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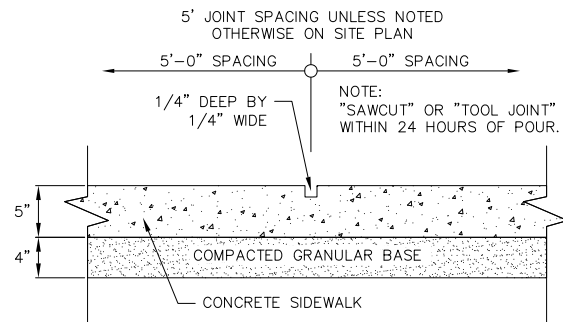
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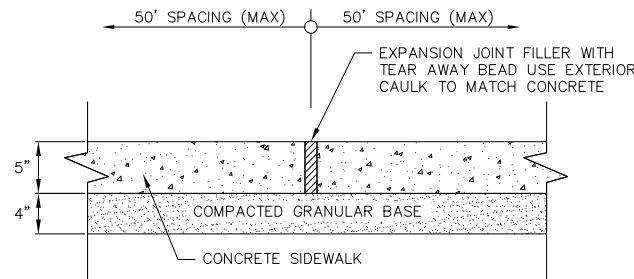




5" SITE SIDEWALK

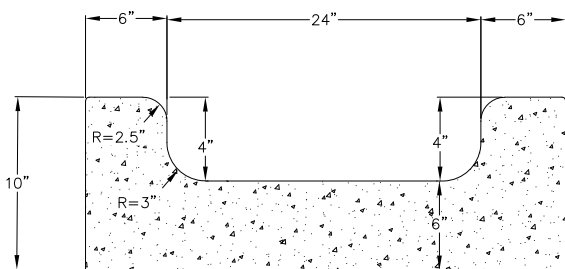


SIDEWALK CONTROL JOINT



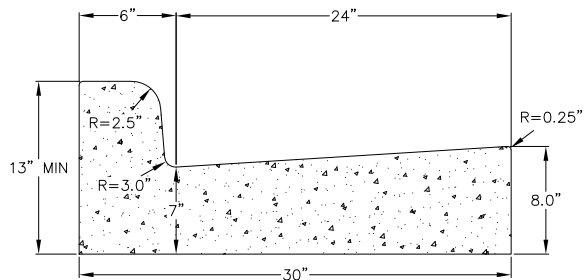
SIDEWALK EXPANSION JOINT

1 5" SIDEWALK  
1 NOT TO SCALE

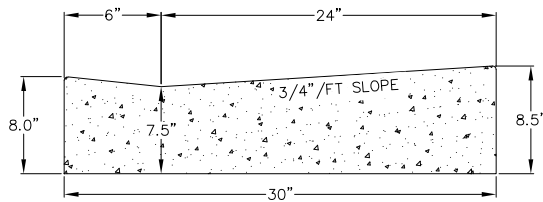


CHANNEL GUTTER SECTION

1 CHANNEL GUTTER  
1 NOT TO SCALE

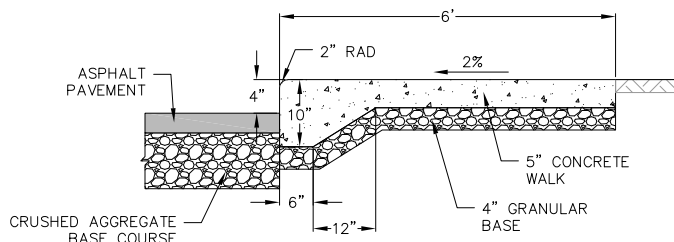


CURB AND GUTTER  
CROSS SECTION

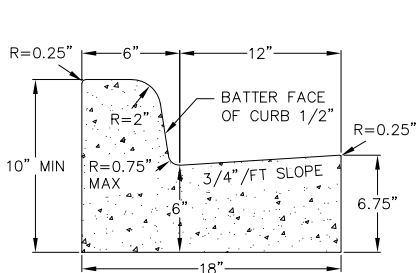


DRIVEWAY AND GUTTER  
CROSS SECTION

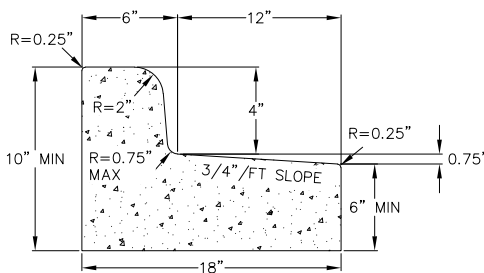
1 30" CONCRETE CURB AND GUTTER  
1 NOT TO SCALE



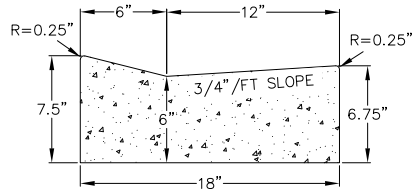
1 CURBED SIDEWALK SITE DETAIL  
1 NOT TO SCALE



CURB AND GUTTER  
CROSS SECTION

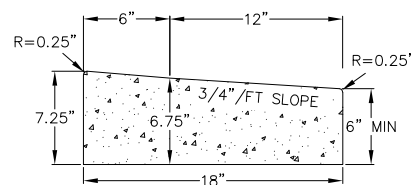


CURB AND GUTTER  
REJECT SECTION

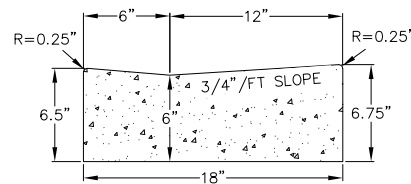


GRAVEL DRIVEWAY  
GUTTER  
CROSS SECTION

1 18" CONCRETE CURB AND GUTTER  
1 NOT TO SCALE



ACCESS RAMP  
GUTTER REJECT SECTION



ACCESS RAMP  
GUTTER CROSS SECTION

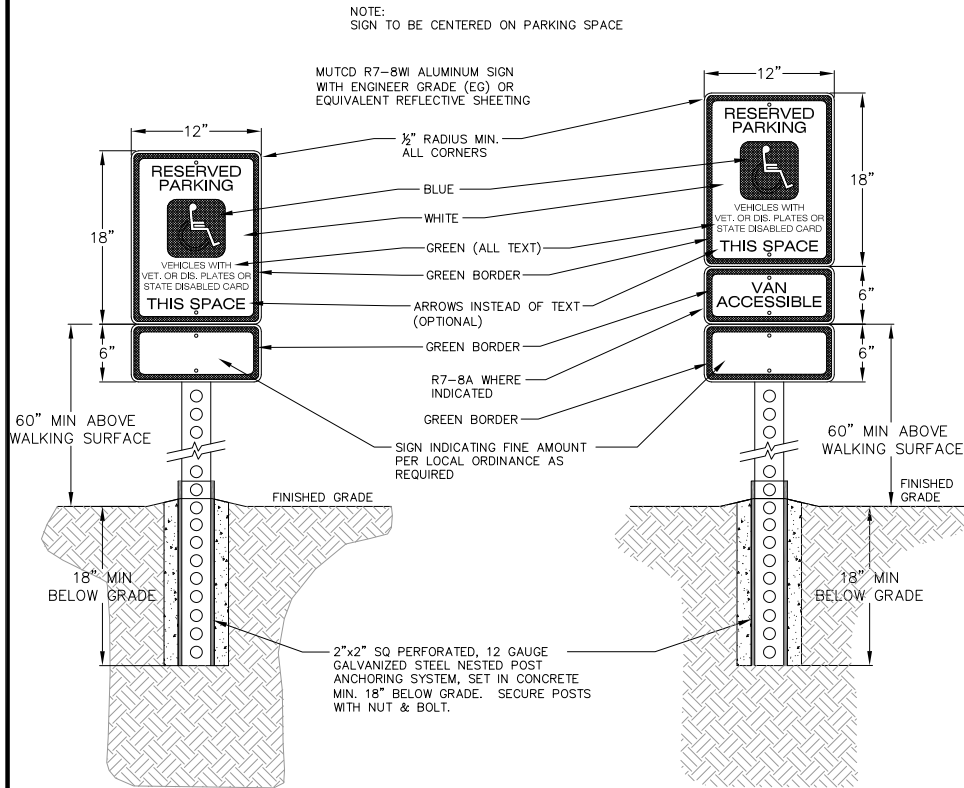
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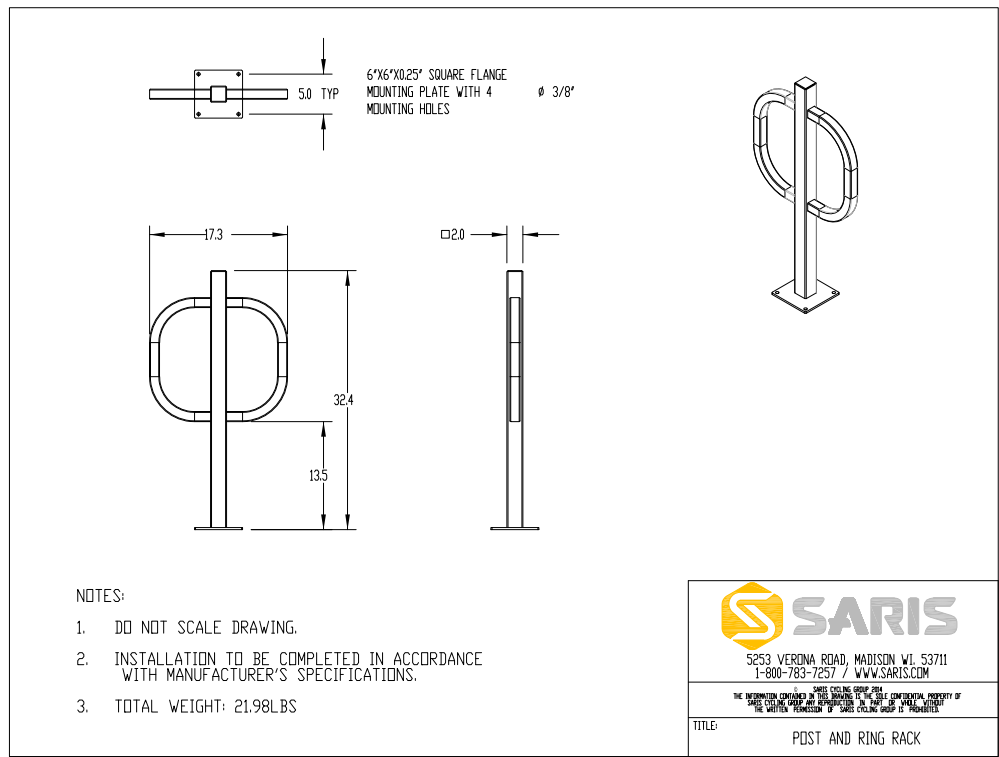
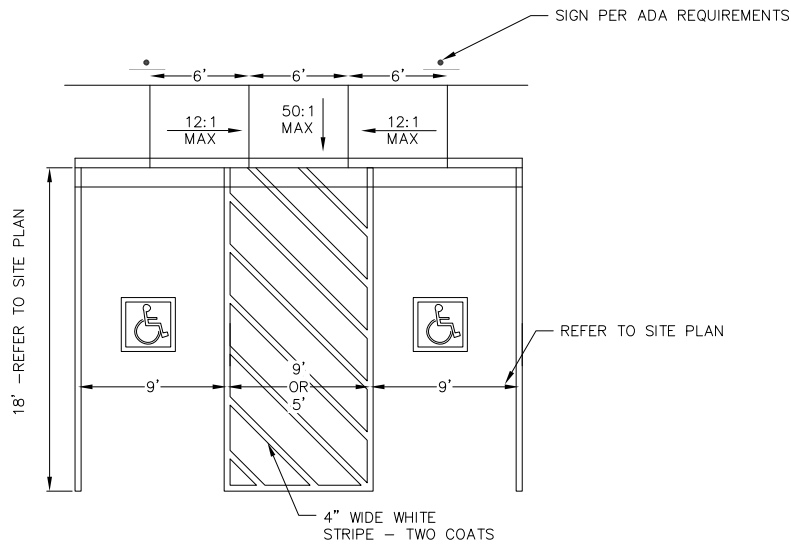


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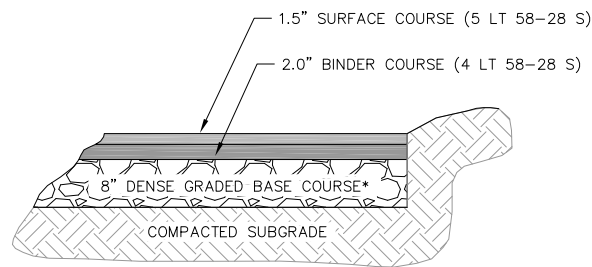
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ADA STRIPING  
NOT TO SCALE



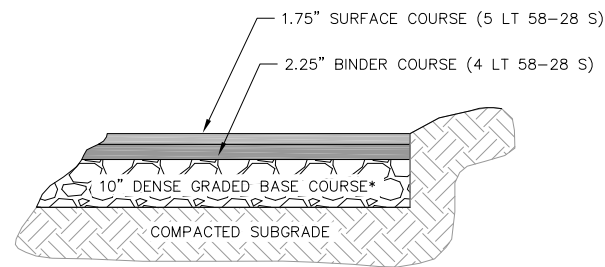
1  
1

BIKE RACK DETAIL  
NOT TO SCALE



\*THE UPPER 4" SHOULD CONSIST OF 1 1/4" DENSE GRADED BASE; THE BOTTOM PART OF THE LAYER CAN CONSIST OF 3" DENSE GRADED BASE

LIGHT DUTY  
BITUMINOUS PAVEMENT

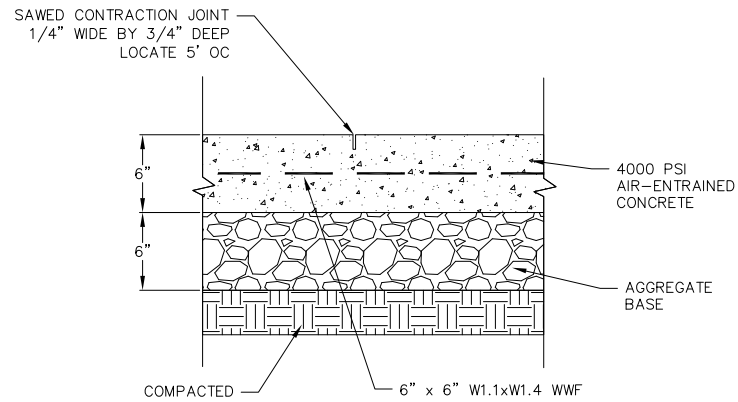


\*THE UPPER 4" SHOULD CONSIST OF 1 1/4" DENSE GRADED BASE; THE BOTTOM PART OF THE LAYER CAN CONSIST OF 3" DENSE GRADED BASE

HEAVY DUTY  
BITUMINOUS PAVEMENT

1  
1

SITE PAVEMENT  
NOT TO SCALE



1  
1

CONCRETE PAD  
NOT TO SCALE



**vierbicher**  
planners | engineers | advisors

Phone: (800) 261-3898

Construction Details - 5

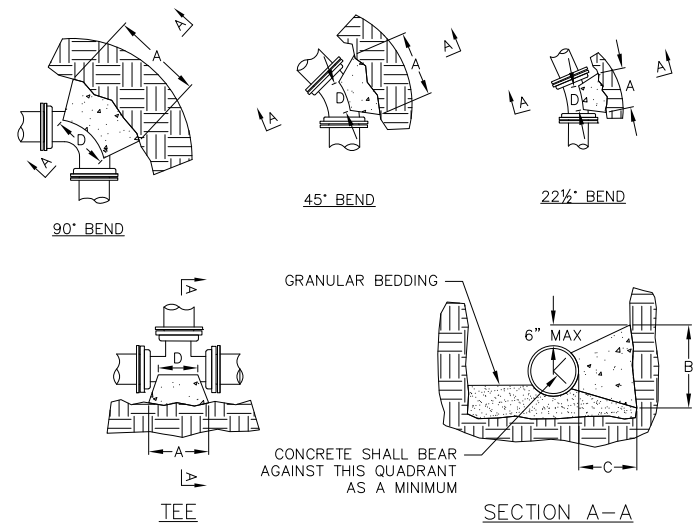
5567 Odana Road  
City of Madison  
Dane County, WI

REVISIONS	NO.	DATE	REMARKS
DATE	3/4/2020	DRAFTER	SCHR/CLAN
CHECKED	MSCH/TSCH	PROJECT NO.	200052
C			
505			



03 Mar 2020 - 4:56p M:\McGrath Property Group\200052\_5567 Odana Road\CADD\200052\_Details.dwg by: schr

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DIMENSION "D" SHALL BE AS LARGE AS POSSIBLE, BUT THE CONCRETE SHALL NOT INTERFERE WITH THE MECHANICAL JOINTS.

DIMENSION "C" SHALL BE AT LEAST 6 INCHES, AND LARGE ENOUGH TO MAKE THE "Q" ANGLE EQUAL TO OR GREATER THAN 45 DEGREES WITH THE DIMENSION "A" AS SHOWN ON THE TABLE, OR GREATER, AND WITH DIMENSION "D" AS LARGE AS POSSIBLE.

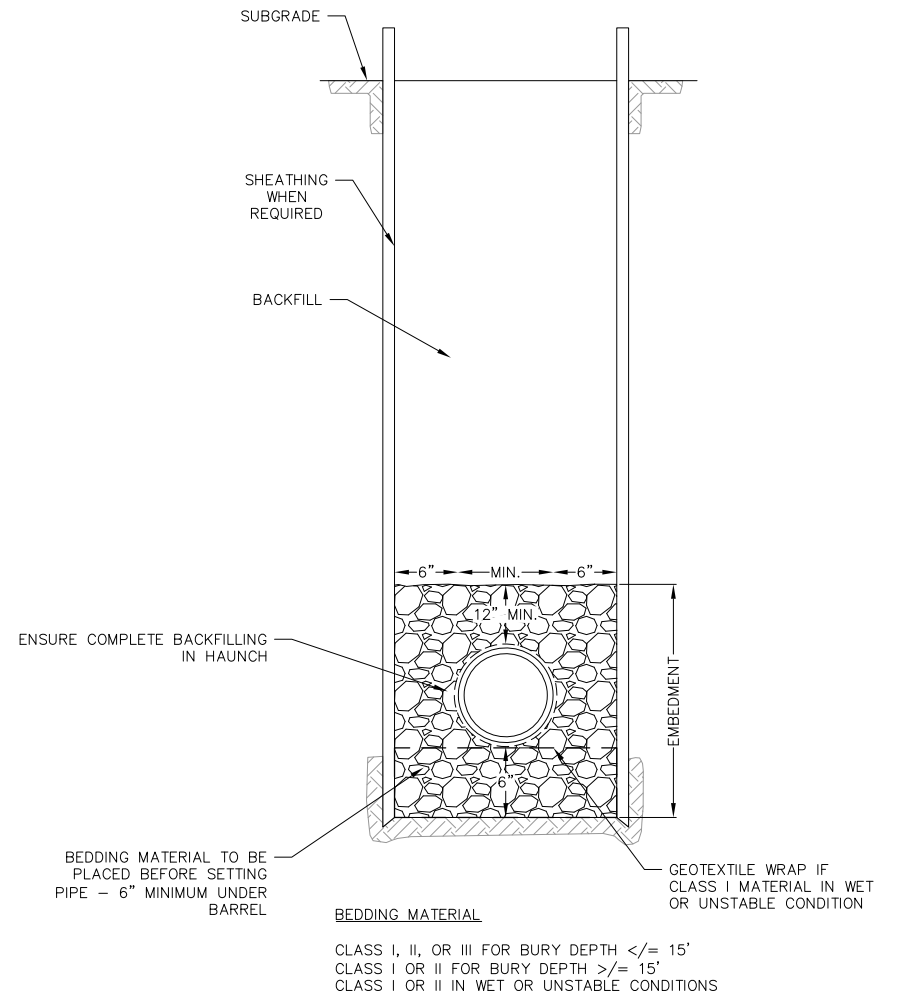
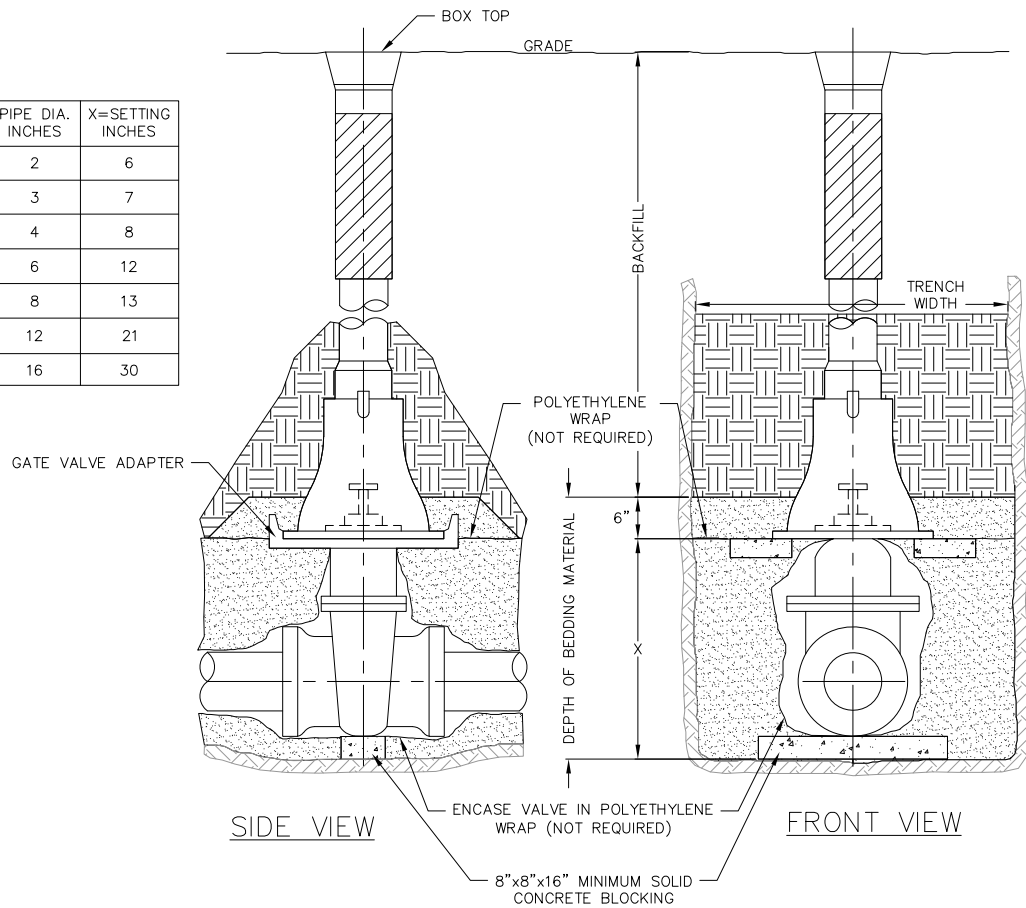
CONCRETE SHALL BE CLASS "C", SEE SECTION 03301

PIPE SIZE	BUTTRESS DIMENSIONS							
	TEES		22.5° BEND		45° BEND		90° BEND	
	A	B	A	B	A	B	A	B
4	0'-10"	1'-6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
6	1'-6"	1'-8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
8	1'-9"	2'-4"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
10	1'-9"	2'-4"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
12	2'-3"	1'-7"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
16	3'-8"	2'-10"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"
20	5'-0"	3'-10"	3'-6"	3'-0"	5'-4"	3'-10"	8'-0"	4'-8"
24	5'-4"	4'-8"						

DIMENSIONS IN THE TABLE ARE BASED ON A WATER PRESSURE OF 150 PSI AND SOIL RESISTANCE OF 2000 LBS/SQ FT

\* = FOR TEE THIS WILL BE THE BRANCH PIPE

PIPE DIA. INCHES	X=SETTING INCHES
2	6
3	7
4	8
6	12
8	13
12	21
16	30



1 BUTTRESS FOR BENDS  
1 NOT TO SCALE

1 STANDARD GATE VALVE BOX SETTING  
1 NOT TO SCALE

1 STANDARD SANITARY TRENCH SECTION  
1 NOT TO SCALE

REVISIONS	NO.	DATE	REMARKS

SCALE  
AS SHOWN

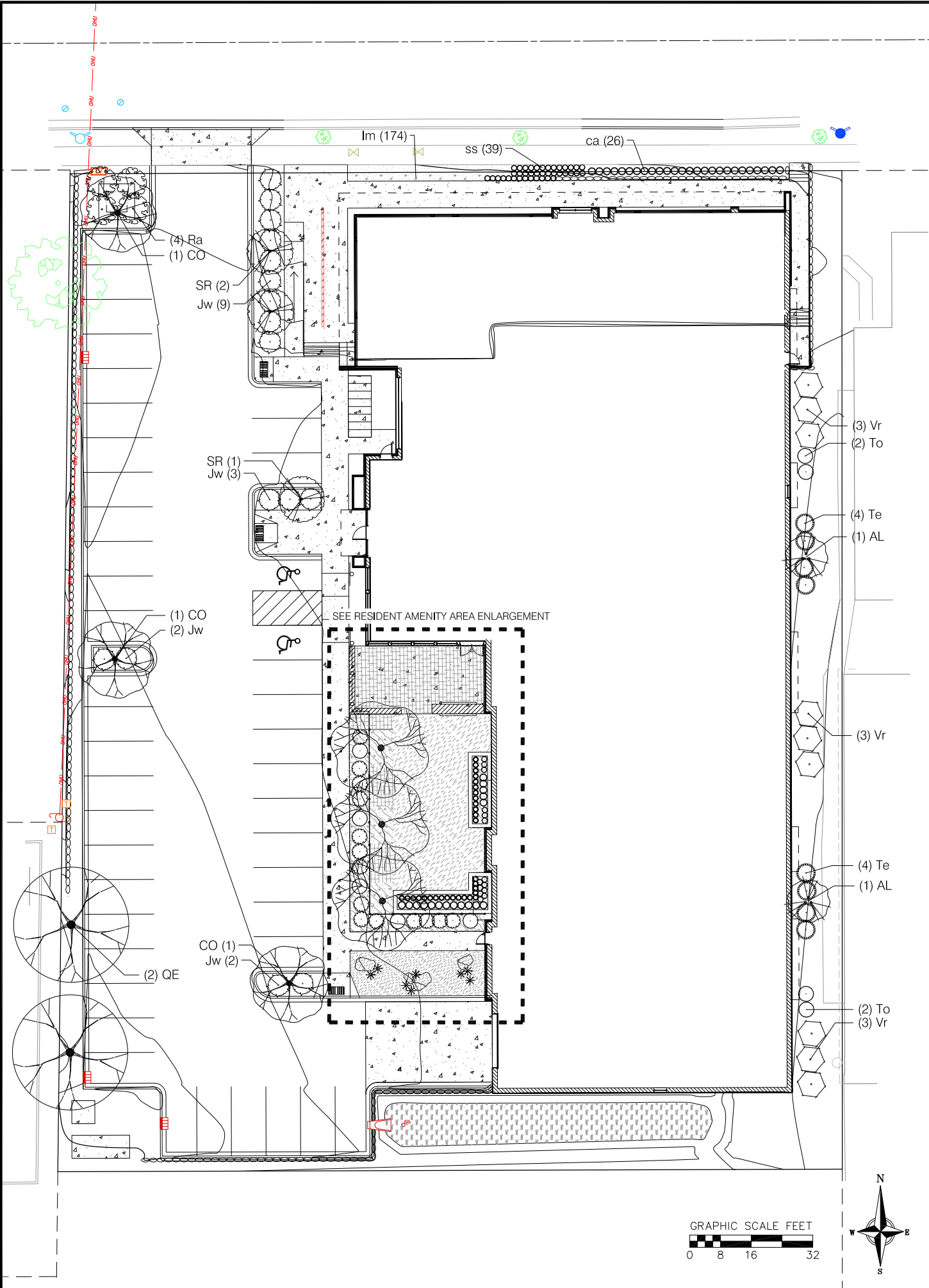
DATE  
3/4/2020

DRAFTER  
SCHR/CLAN

CHECKED  
MSCH/TSCH

PROJECT NO.  
200052

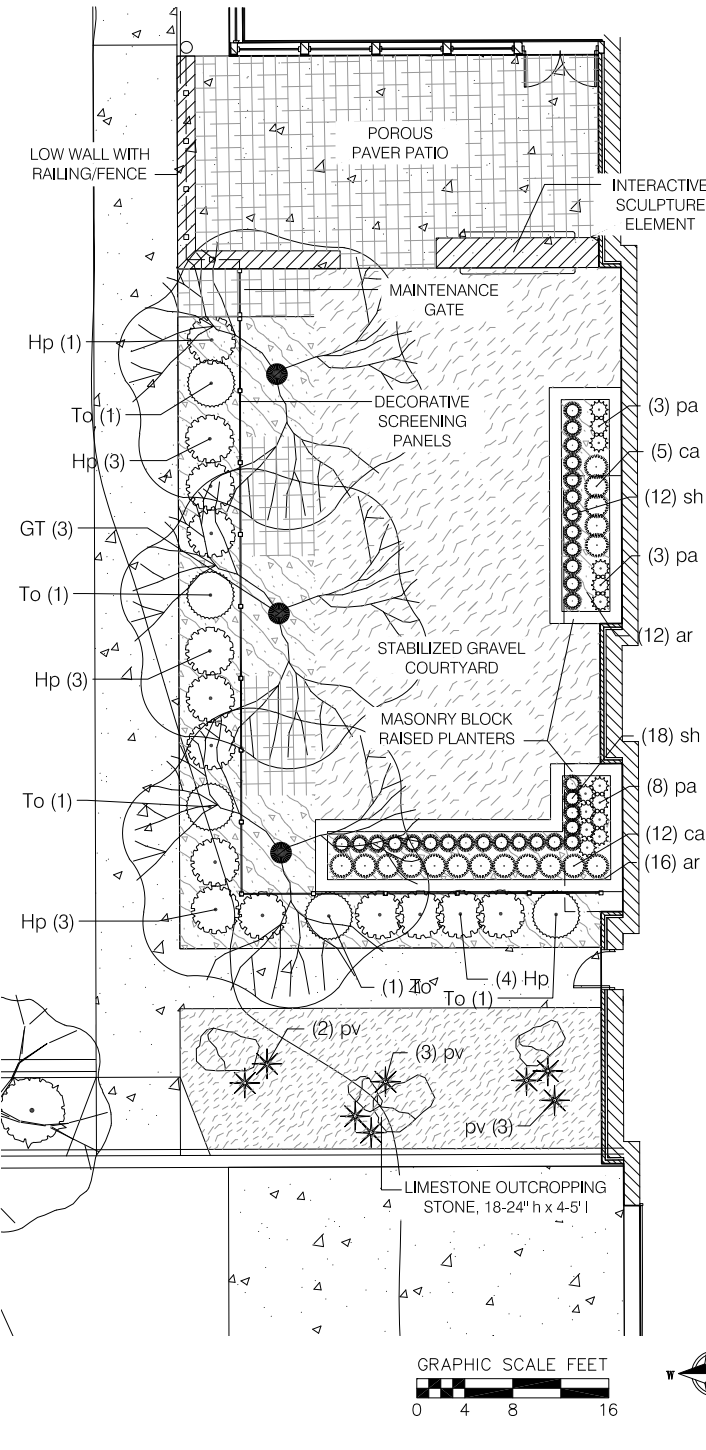




PLANT SCHEDULE

DECIDUOUS TREES		BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY	
CO		Celtis occidentalis / Common Hackberry	15 gal			3	
GT		Gleditsia triacanthos Inermis 'Shademaster'™ / Shademaster Locust	B & B	2.5"Cal		3	
QE		Quercus ellipsoidalis / Northern Pin Oak	B & B	2.5"Cal		2	
FLOWERING TREES		BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY	
AL		Amelanchier laevis / Allegheny Serviceberry	B & B		6' ht. multi stem	2	
SR		Syringa reticulata 'Ivory Pillar' / Ivory Pillar Japanese Tree Lilac	B & B	2 1/2"Cal		3	
DECIDUOUS SHRUBS		BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3	QTY	
Hp		Hydrangea paniculata 'Little Lime' / Little Lime Hydrangea	5 gal	Cont		14	
Ra		Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	3 gal			4	
Vr		Viburnum rafinesquianum / Downy Arrowwood	5 gal			9	
EVERGREEN SHRUBS		BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3	QTY	
Jw		Juniperus horizontalis 'Wiltonii' / Blue Rug Juniper	5 gal			16	
Te		Taxus x media 'Everlow' / Yew	5 gal			8	
To		Thuja occidentalis 'Holmstrup' / Holmstrup Cedar	7 gal	Cont		9	
PERENNIALS		BOTANICAL / COMMON NAME	SIZE	FIELD2	FIELD3	QTY	
ca		Calamagrostis x acutiflora 'Karl Foerster' / Feather Reed Grass	1 gal			43	
pv		Panicum virgatum 'Shenandoah' / Shenandoah Red Switch Grass	1 gal			8	
pa		Perovskia atriplicifolia 'Little Spire' / Little Spire Russian Sage	1 gal			14	
ss		Schizachyrium scoparium / Little Bluestem Grass	1 gal			39	
sh		Sporobolus heterolepis 'Tara' / Prairie Dropseed	4 1/2" pot			30	
GROUND COVERS		BOTANICAL / COMMON NAME	CONT	FIELD2	FIELD3	SPACING	QTY
ar		Ajuga reptans 'Chocolate Chip' / Chocolate Chip Bugleweed	flat			18" o.c.	197
lm		Liriope muscari / Lilyturf	flat			12" o.c.	174

RESIDENT AMENITY AREA



DECORATIVE PAVING/GROUND COVER SCHEDULE

POROUS PAVERS	709 sf
STABILIZED GRAVEL	1,416 sf
BIORETENTION AREA	869 sf
Asclepias incarnata / Swamp Milkweed	64
Carex comosa / Bottlebrush Sedge	64
Carex cristatella / Crested Oval Sedge	64
Carex lurida / Lurid Sedge	64
Coreopsis tripteris / Tall Coreopsis	64
Elymus virginicus / Virginia Wild Rye	91
Iris virginica / Blue Flag Iris	64
Liatris spicata / Spike Gayfeather	64
Lobelia cardinalis / Cardinal Flower	64
Panicum virgatum / Switch Grass	91
Rudbeckia triloba / Browneyed Susan	64
Spartina pectinata / Prairie Cordgrass	91
Symphoricarpos novae-angliae / New England Aster	64

- GENERAL NOTES:**
- All plantings shall conform to quality requirements as per ANSI Z60.1.
  - All plant material shall be true to the species, variety and size specified, nursery grown in accordance with good horticultural practices, and under climatic conditions similar to those of the project site.
  - Contact Landscape Architect, in writing, to request and plant material substitutions due to availability issues.
  - All disturbed areas, unless otherwise noted, to be seeded with Madison Parks Mix by LaCrosse Seed Company or equivalent, per manufacturer's specified application rates. All seeded areas are to be watered daily to maintain adequate soil moisture for proper germination. After vigorous growth is established, apply 1/2" water twice weekly until final acceptance.
  - All plants shall be guaranteed to be in healthy and flourishing condition during the growing season following installation. All plant material shall be guaranteed for one year from the time of installation.
  - Contractor shall provide a suitable amended topsoil blend for all planting areas where soil conditions are unsuitable for plant growth. Topsoil shall conform to quality requirements as per Section 625.2(1) of the Standard Specifications for Highway Construction. Provide a minimum of 12" of topsoil in all planting areas and 6" of topsoil in areas to be seeded/sodded.
  - Landscape beds to be mulched with undyed shredded hardwood bark mulch to 3" depth min. and edged with commercial grade aluminum landscape edging, Permaloc CleanLine 3/8" x 4" or equal, color black anodized.



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Landscape Plan

5567 Odana Road  
City of Madison  
Dane County, WI

REVISIONS	REVISIONS
NO.	DATE

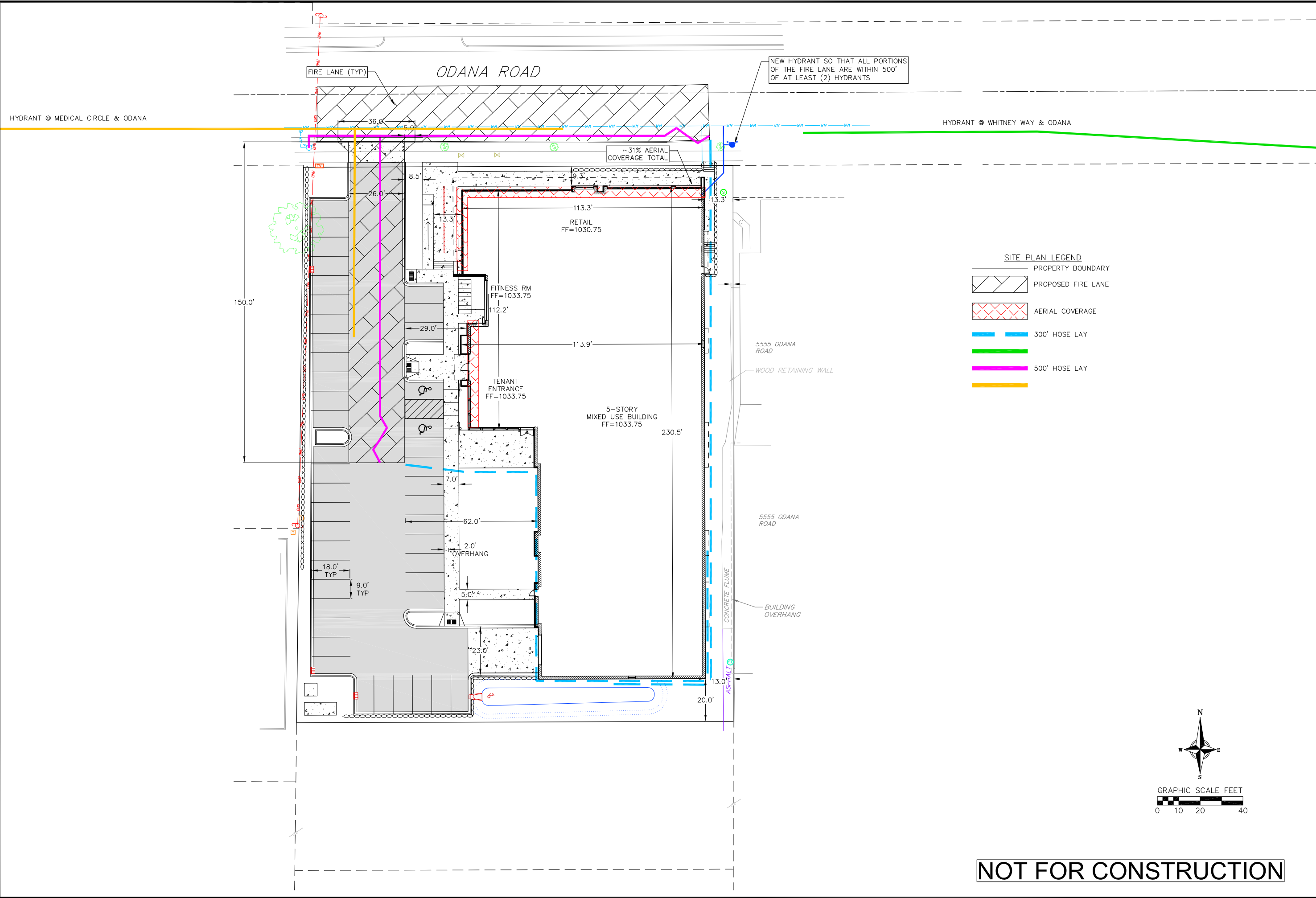
DATE	3/4/2020
DRAFTER	SVN
CHECKED	MSCH/TSCH
PROJECT NO.	200052

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101

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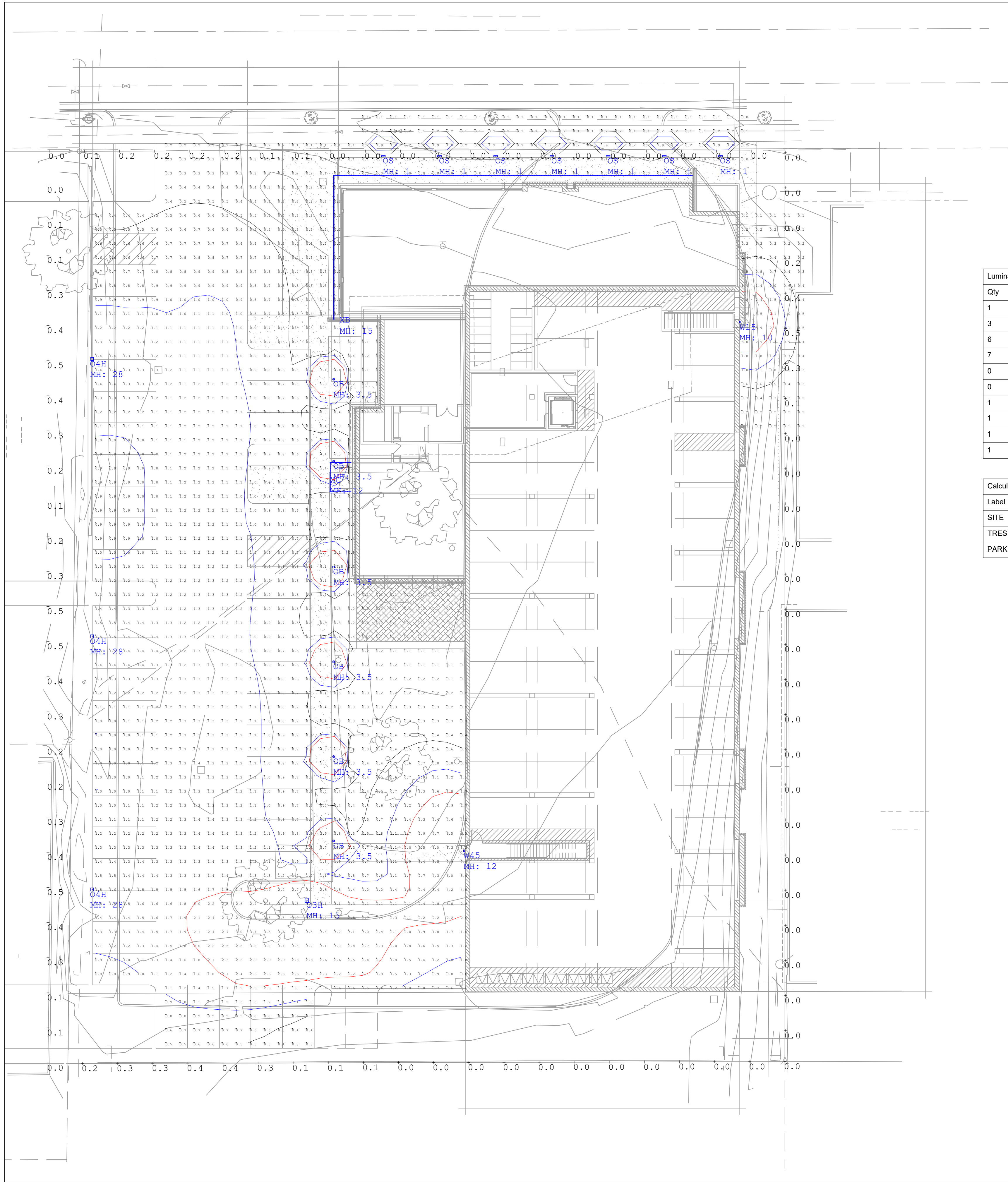




**NOT FOR CONSTRUCTION**

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Luminaire Schedule								
Qty	Label	Arrangement	LLF	MFG	Description	Lum. Watts	Total Watts	Lum. Lumens
1	O3H	SINGLE	0.950	LITHONIA	DSX1 LED P1 XXK T3M MVOLT HS (14.5 FT POLE 6 IN BASE)	54	54	5481
3	O4H	SINGLE	0.950	LITHONIA	DSX1 LED P2 XXK TFTM MVOLT HS (25 FT POLE 3 FT BASE)	70	210	6945
6	OB	SINGLE	0.950	LITHONIA	RADB LED P2 XXK ASY	8	48	559
7	OS	SINGLE	0.950	FC	FCSL2040XXK5L	3.631	25.417	466
0	S1	SINGLE	0.000	FC	FCF1103	0	0	466
0	S2	SINGLE	0.000	FC	FCF1105	0	0	466
1	W15	SINGLE	0.950	BARRON	WLZ1-3-XX +REMOTE IOTA ILBCP10	15.1239	15.1239	1509
1	W45	SINGLE	0.950	BARRON	WLZ4-3-XX-BBIH	40.9964	40.9964	4615
1	XB	GROUP	0.000	LLI	LLI-ELF-SF-XX-IP65-XX-FLAT CORNER-INSIDE CORNER-LENGTH TBD	N.A.	519.2336	N.A.
1	XC	GROUP	0.000	LLI	LLI-ELF-SF-XX-IP65-XX-(2) FLAT CORNER-LENGTH TBD	N.A.	72.62	N.A.

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE	Illuminance	Fc	1.09	14.6	0.0	N.A.	N.A.
TRESPASS LIGHT	Illuminance	Fc	0.13	0.5	0.0	N.A.	N.A.
PARKING DRIVE	Illuminance	Fc	1.17	3.6	0.3	3.90	12.00

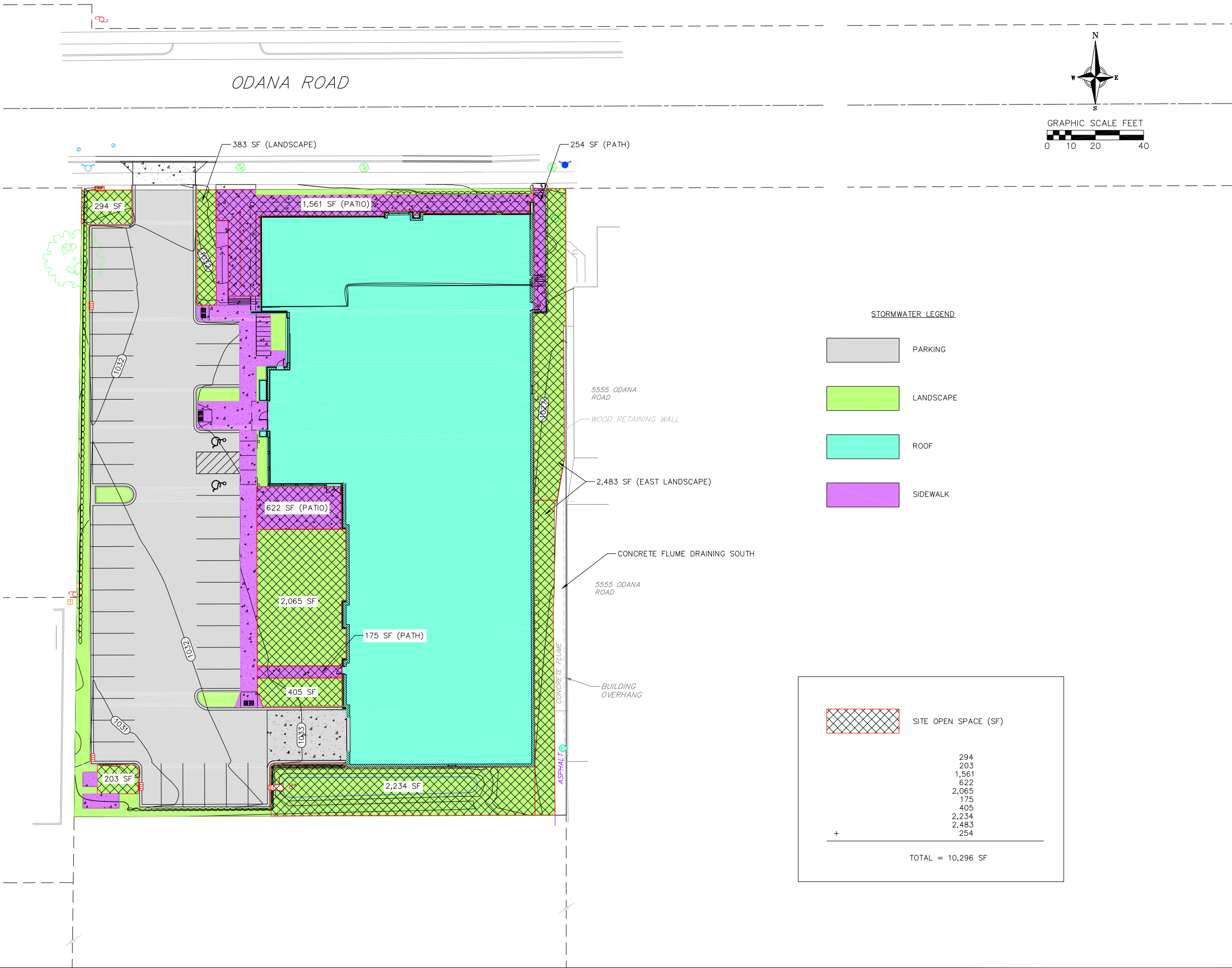


COMMENTS		DATE		#	
REVISIONS					

DRAWN BY : A.S.	DATE : 03-03-2020	SCALE : 1/16" = 1'-0"
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5567 ODANA RD	MADISON, WI	SITE LIGHTING
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CONCEPTUAL BUILDING DATA – 5 STORIES										1.20 ACRES (+/-) = 65.8 UNITS/ACRE				
FLOOR	GROSS AREA		UNITS							PARKING PROVIDED				
	FINISHED	PARKING	STUDIO	1 BR		2BR	3BR	TOTAL	BR'S	COVERED	SURFACE	TOTALS	RATIOS	
5	17,640		3	13		4	0	20	24					
4	17,640		3	13		4	0	20	24					
3	17,957		3	13		4	0	20	24					
2	17,957		3	13		3	0	19	22					
1	21,703	15,906 *	2,655 S.F. LOBBY & COMMON AREAS											
			3,346 S.F. RETAIL SPACE											
T.	92,897	15,906 *	12	52		15	0	79	94	44	44	88	1.11 / U	0.94 / BR
			15%	66%		19%	0%							

\*PARKING AREA INCLUDES BIKE ROOM & EGRESS STAIRS.