



City of Fitchburg
Planning/Zoning Department
5520 Lacy Road
Fitchburg, WI 53711 (608-270-4200)

SMARTCODE BUILDING/SITE PLAN APPLICATION (ARTICLE 5)

1. Location of Property:

Street Address: Lot 38 Brassica Drive

Legal Description - (Metes & Bounds, or Lot No. And Plat): _____

Lot 38 Terravessa Development

2. Description of Project: New Daycare Facility

3. Existing Transect Zone: T4 Article 3 or Article 4 approval date: _____

4. Size of Site: 34,526 sf (.793ac) Site Density (if applicable): _____

5. Building/Site Plan applications shall provide plans and information showing the following:

- | | |
|---|---|
| ☐ 1. Building Disposition | ☐ 13. Signage Standards |
| ☐ 2. Building Configuration | ☐ 14. Special Requirements, if any |
| ☐ 3. Building Use | ☐ 15. Architectural Standards |
| ☐ 4. Parking calculation & location | ☐ 16. Fencing Standards |
| ☐ 5. Number of dwelling units | ☐ 17. Lighting Standards |
| ☐ 6. Base Residential Density | ☐ 17. Grading Plan |
| ☐ 7. Building square footage | ☐ 18. Statistics, maps and other documentation |
| ☐ 8. All requests for Administrative Waivers, if any | showing how the Article 5 application, in |
| ☐ 9. All requests for Administrative Approvals, if any | combination with the past approved Article 5 |
| ☐ 10. All known requests for Conditional Use | plans, will meet the approved Community |
| Permits, if any | Regulating Plan, and the standards of this |
| ☐ 11. Civic Building design(s) | Chapter. |
| ☐ 12. Landscape Standards | |

***Also submit all mapping in either CADD or GIS files

Current Owner(s) of Property: Phil Sveum (Coldwell Banker Success)

Address: 2920 Marketplace Drive, Suite 202 Phone No.: 608-338-4299

Contact Person: Dan Bertler E-mail: dan@supremestructures.com

Address: 2906 Marketplace Drive, Suite A Phone No.: 608-224-0777

Respectfully Submitted By: [Signature] Date: September 13, 2019

Owner's or Authorized Agent's Signature

*(If multiple owners, application shall include statement of consent by all property owners)

PLEASE NOTE – Applicants shall be responsible for legal or outside consultant costs incurred by the City. It is the responsibility of the owner/applicant to insure compliance with all local and state requirements.

*Application shall be accompanied by one (1) PDF document of complete submittal, one (1) full-size set of plans, two (2) reduced sets of plans (11" x 17"), and the required CADD or GIS files for mapping.

FOR CITY USE ONLY

Date Received: _____ Permit Request No.: _____

SITE PLAN REVIEW CHECKLIST:

<u>YES</u>	<u>NO</u>	
_____	__ __	Signed and completed Building / Site Plan – Article 5 Application
_____	__ __	Proposals / design compliant with Ch. 23 SmartCode District
_____	_____	Vicinity map (no larger than 11 x 17)
_____	_____	2 (two) reduced size (11 x 17) plan sets
_____	_____	1 (one) full set of bounded drawings, include landscape plans
_____	_____	1 (one) electronic copy (.tif or .pdf) of the plan set
_____	_____	CADD or GIS files for all mapping
		<u>Plans to include existing and proposed information on the following:</u>
_____	_____	Location of structures, improvements and landscaping
_____	_____	North arrow and scale bar
_____	_____	Site boundaries
_____	_____	Setback distance from property lines
_____	_____	Rights-of-way, property lines and easements
_____	_____	Location & dimensions of driveways, streets and sidewalks
_____	_____	On-site parking and circulation
_____	_____	Location of loading spaces, if applicable
_____	_____	Location of trash receptacle enclosure
_____	_____	Location of all outdoor electrical, plumbing and mechanical equipment
_____	_____	Landscaping Plan for site
_____	_____	Signage Plan for site (type & fixtures)
_____	_____	Elevations for each side of the building detailing the materials & colors
_____	_____	Fencing Plan (if installing fence)
_____	_____	Lighting Plan (in footcandles) & fixtures cut-sheets
_____	_____	Grading Plan
_____	_____	Site plan data table containing: transect zone, site size in square feet or acres, lot coverage by building in square feet and percentage, residential density in units per acre (if applicable), square feet of impervious surface and parking and landscaping calculations.

ARTICLE 5 SUPPLEMENTAL FORM:

Building Disposition:

Lot(s) 38 Plat Terravessa

Transect Zone: T4

Lot Width 173' Lot Coverage 67.3%

Type of Building: ☒ Edgeyard ☐ Sideyard ☐ Rearyard ☐ Courtyard ☐ Specialized

Principal Building Setbacks: Front (principal) 13' Front (secondary) 12.8' Side 10' Rear 60.46'

Primary Setback: 11.9 feet Frontage buildout (if applicable): 84 %

Outbuilding: ☐ Yes ☒ No

Outbuilding Setbacks: Front Side Rear

Building Configuration:

Type of Private Frontage: ☐ Common Yard ☐ Porch & Fence ☐ Light court ☐ Forecourt

☒ Stoop ☐ Shopfront ☐ Gallery ☐ Arcade

☐ Parking Lot ☐ Common Entry & Planter

% of clear glass of 1st story Façade: 10.4 %

Overall building height: 19'-8" feet 1 stories

1st story: 19'-8" feet

2nd story: n/a feet

[X] story: feet

Building Use:

Use of principal building: Daycare

of residential dwelling units in principal building (if applicable): n/a dwelling units

Use of accessory building: n/a

*If multiple uses in building, please provide square footage of each type of use.

Parking & Density:

of parking stalls provided within the Lot: 23

of parking stalls along parking lane corresponding to the Lot Frontage: TBD by C of F

of parking stalls by lease or purchase from a Civic Parking Reserve within the Community Unit: 0

If looking to use Effective Parking standards, applicant shall provide completed Parking Occupancy Rate Table (Table 20)

Current density for transect zone within the block: N/A (per 5.9.2f)

Parking Location:

Drive width: 16 feet

Material of parking / drive areas: Asphalt

Landscape:

% of landscape area of 1st Layer of Principal Frontage: see plan % (minimum 30%)

% of landscape area of 1st Layer of Secondary Frontage: see plan % (minimum 30%)

of trees planted within the 1st Layer: see plan

Requirements: T3 – 1 tree shall be planted within the 1st Layer for every 800 sq. ft of landscape area

T4 – minimum of 1 Understory Tree or 6 shrubs planted within 1st Layer for every 500 sq. ft. of 1st Layer landscape area.

T5 – Trees not required in 1st Layer.

Signage:

A or B grid street: _____

Type of sign: _____

(* note: A sign permit is required for all signs)

Architectural:

Type of building materials: cement siding - metal panel - brick

(See Section 5.13.4.c for requirements if using vinyl product.)

For single-family Edgeyard & Sideyard Residential, durable material used in height of 2 ft. above grade:

n/a

Fence: ☒ Yes ☐ No

If yes, fence at the 1st Layer shall be painted or stained.

Balcony or porch: ☐ Yes ☒ No

If yes, material of railings: _____

Fencing:

Height of fence (if applicable): 4 feet feet

Lighting:

Are all parking lot and exterior building lighting on private lots dark sky approved or full cut-off fixtures? ☒ Yes ☐ No

Average lighting levels, in footcandles, at the building frontage line: 0



September 13, 2019

City of Fitchburg
Planning/Zoning Department
5520 Lacy Road
Fitchburg, WI 53711

RE: SmartCode Administrative Approval Application
Property Location: 4870 Brassica Drive (Terravessa Development - Lot 38)

To Whom it may concern:

We are asking for approval to use a streetscreen to meet the secondary front setback requirement.

The secondary front setback in the T4 Transect Zone is 6'min – 18' max. To meet the secondary setback requirement, we are including a streetscreen which achieves a 12.8' setback. The Administrative Approval meets the intent of the SmartCode as it helps maintain a pedestrian friendly scale, and provides a demarcation between the public and private realm.

Sincerely,

A handwritten signature in black ink that reads 'Mandy Stark'. The signature is written in a cursive, flowing style.

Mandy Stark
Supreme Structures

Solid. Solutions.



City of Fitchburg
Planning/Zoning Department
5520 Lacy Road
Fitchburg, WI 53711 (608-270-4200)

SMARTCODE ADMINISTRATIVE APPROVAL APPLICATION

Location of Property:

Street Address: 4870 Brassica Drive (Lot 38)

Legal Description - (Metes & Bounds, or Lot No. And Plat): Lot 38 of the Terravessa Development

Administrative Approval Details:

1. Administrative Approval Application shall be submitted concurrent with a SmartCode Rezoning Application, a Regulating Plan Application or Site/Building Plan Application.
2. All documentation, including maps, text, drawings and statistical data that the applicant wishes to be considered in support of their Approval(s) should be submitted with this application.

Administrative Approval Checklist:

- ☐ 1. Describe each specific Approval requested, including citation of the provision from Chapter 23 SmartCode District, clearly noting what is required by the Code and what is being proposed.
- ☐ 2. The effect of the approval on the overall Regulating Plan and how such requested approval will meet the standards of Section 1.6.5 of Chapter 23 SmartCode District.

The preceding information is considered to be the minimum information for submission, and the Zoning Administrator may require additional information for review.

Current Owner(s) of Property: Phil Sveum (Coldwell Banker Success)

Address: 2920 Marketplace Drive, Suite 202

Phone No.: 608-338-4299

Contact Person: Dan Bertler

E-mail: dan@supremestructures.com

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Phone No.: 608-224-0777

Respectfully Submitted By: [Signature]

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Date: September 13, 2019

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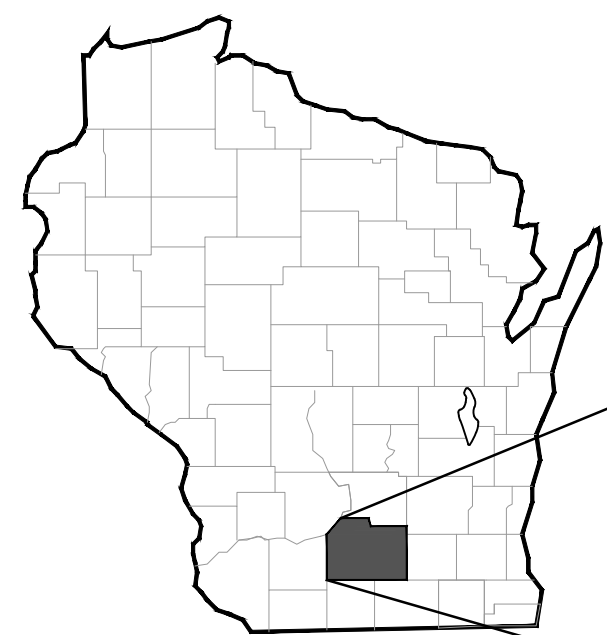
PLEASE NOTE – Applicants shall be responsible for legal or outside consultant costs incurred by the City. It is the responsibility of the owner/applicant to insure compliance with all local and state requirements.

FOR CITY USE ONLY

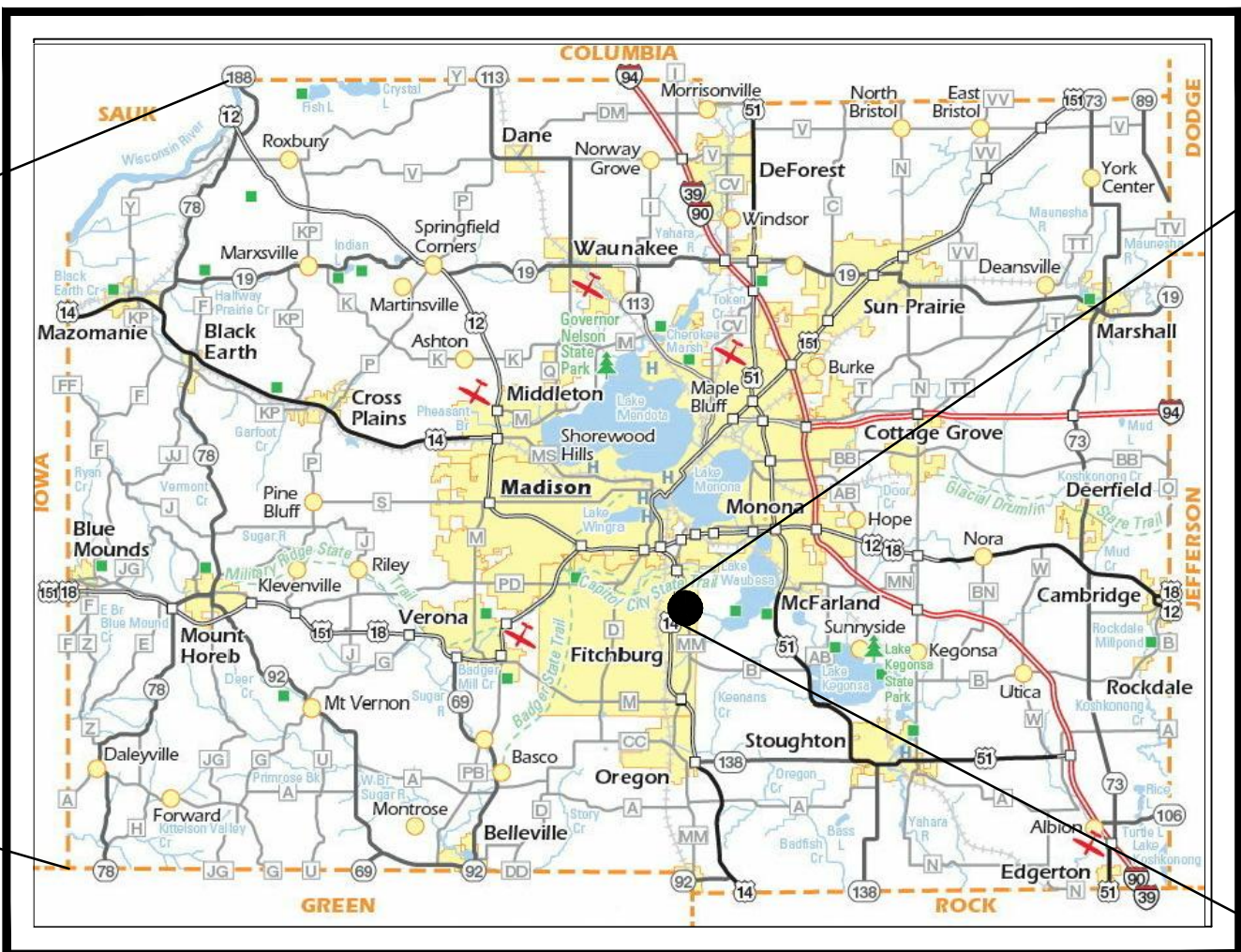
Date Received: _____

Comments: _____

MARIPOSA DAYCARE CENTER



REGIONAL



DANE COUNTY



SITE LOCATION MAP

CITY OF FITCHBURG,
TERRAVESSA PLAT, LOT 38
DANE COUNTY, WISCONSIN

SHEET #	SHEET TITLE
T 1.0	TITLE SHEET
C 1.0	EXISTING SITE & DEMOLITION PLAN
C 1.1	PROPOSED SITE PLAN
C 2.0	PROPOSED GRADING AND EROSION CONTROL PLAN
C 2.1	GRADING PLAN SPOT DETAIL
C 3.0	UTILITY PLAN
C 4.0	SITE DETAILS
L 1.0	LANDSCAPE NOTES & DETAILS
L 2.0	PLANTING PLAN
A-2	FLOOR PLAN
A-3	SCHEDULES & BUILDING SECTIONS
A-4	ELEVATIONS
S-1	FOUNDATION PLAN
S-2	ROOF FRAMING PLAN

CAUTION:
CERTAIN UNDERGROUND UTILITIES HAVE BEEN LOCATED ON THE PLANS. THESE LOCATIONS SHALL NOT BE
TAKEN AS CONCLUSIVE. VERIFICATION TO THE SATISFACTION OF THE CONTRACTOR OF ALL UNDERGROUND
UTILITIES, WHETHER SHOWN ON THE DRAWING OR NOT, SHALL BE ASSUMED AS A CONDITION OF THE
CONTRACT. FOR EXACT LOCATION CONTACT DIGGERS HOTLINE 1-800-242-8511



MARIPOSA DAYCARE

TITLE SHEET

SNYDER & ASSOCIATES, INC.



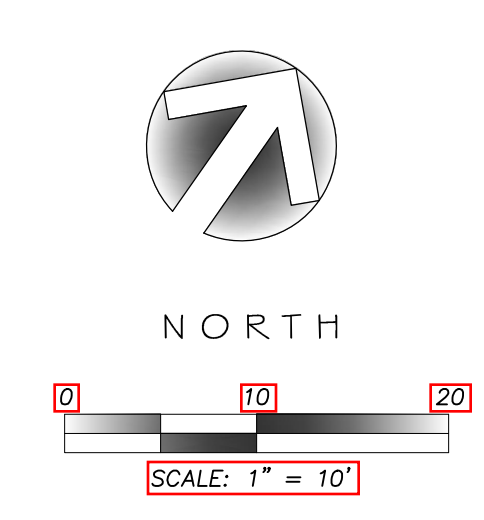
Project No: 119.0497.30

T 1.0

MARK	REVISION	DATE	BY
Engineer: [Signature]	Checked By: [Signature]	Date: 7-3-2019	Field Bk.
Technician: [Signature]	Date: 7-3-2019	Field Bk.	Pg.
PROJECT LOCATION: 5010 VOGES ROAD MADISON, WISCONSIN 53718 608-838-0444 www.snyder-associates.com			



- GENERAL NOTES**
- A. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES ON AND ADJACENT TO THE SITE PRIOR TO THE START OF THE PROJECT.
- B. EXISTING SITE PLAN BASED ON APPROVAL DRAWINGS. NO TOPOGRAPHIC SURVEY HAS BEEN TAKEN FOR THIS SITE. CONTRACTOR SHALL VERIFY ALL EXISTING FEATURES PRIOR TO CONSTRUCTION.





TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE

1-800-242-8511

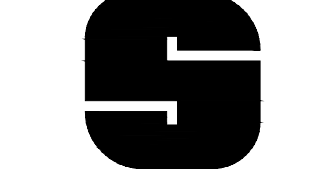
TOLL FREE

WIS. STATUTE 182.0175 (1974)

REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

MARIPOSA DAYCARE

EXISTING SITE & DEMOLITION PLAN

**SNYDER & ASSOCIATES**

LOT 38 BRASSICA DRIVE, FITCHBURG, WI

5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

MARK

REVISION

DATE

BY

Engineer: **SA**

Checked By: **SA**

Date: **7-3-2019**

Field Bk:

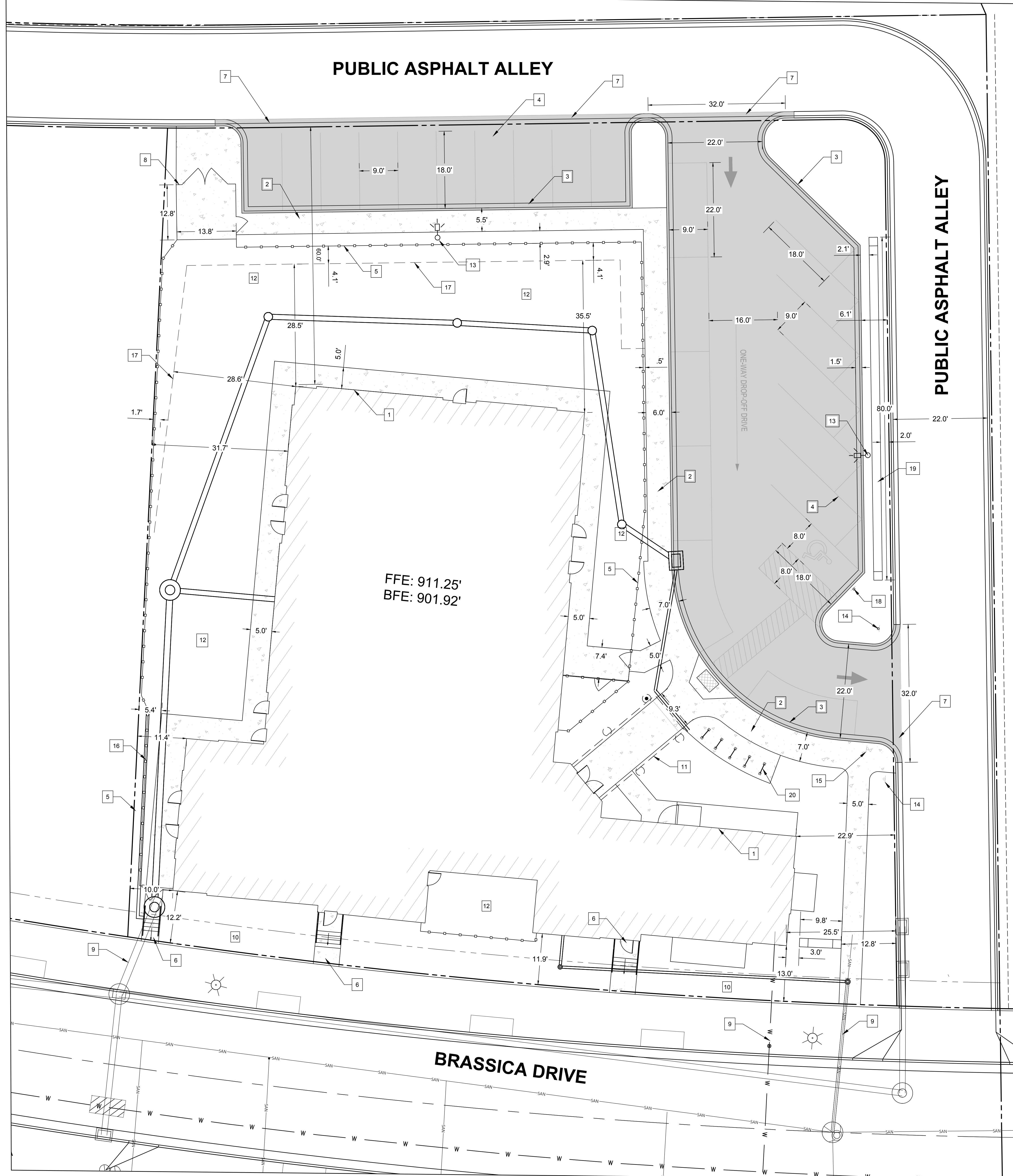
Technician: **MA**

PROJECT LOCATION:

1

Project No: 119.0497.30

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SITE PLAN KEYNOTES

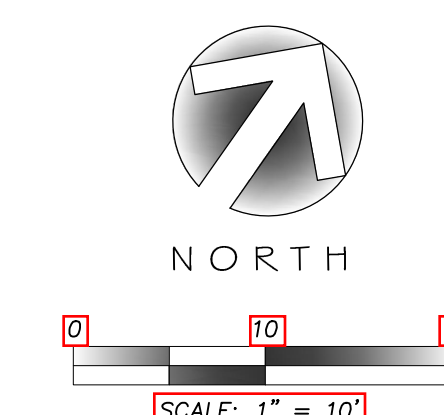
1. PROPOSED BUILDING OUTLINE.
2. 5" THICK CONCRETE SIDEWALK, WIDTH VARIES.
3. 18" WIDE CONCRETE CURB & GUTTER
4. 4" ASPHALT PAVING, SEE DETAIL SHEET
5. PROPOSED FENCE, SEE ARCHITECTURAL PLANS FOR DETAILS
6. CONCRETE STAIRS WITH RAILING, SEE STRUCTURAL PLANS
7. SAWCUT EXISTING CURB HEAD, MAINTAIN GUTTER FLOWLINE
8. DUMPSTER ENCLOSURE, SEE ARCHITECTURAL PLANS.
9. EXISTING UTILITIES, SEE UTILITY PLANS FOR DETAILS
10. EXISTING UTILITY EASEMENT
11. CANOPY OUTLINE, SEE ARCHITECTURAL PLANS
12. OUTDOOR PLAY SURFACE SYSTEM BY OTHERS
13. LIGHTPOLE, SEE NOTE C.
14. ONE WAY DO NOT ENTER SIGN
15. STOP SIGN
16. RETAINING WALL
17. TOE OF SLOPE LIMITS
18. HANDICAP PARKING STALL SIGNAGE
19. 42" HIGH BRICK SCREENING WALL
20. INVERTED U BIKE RACK INSTALLED PER MANUFACTURERS RECOMMENDATIONS

SITE INFORMATION

SIZE OF SITE: 34,526 SQ. FT. (.793 AC)
BUILDING AREA: 10,570 SQ. FT.
BUILDING LOT COVERAGE: 30.6%
IMPERVIOUS AREA: 12,653 SQ. FT.
PERVIOUS AREA: 11,303 SQ. FT.
TOTAL LOT COVERAGE: 67.3%
PARKING STALLS: 23 (1 VAN ACCESSIBLE)

GENERAL NOTES

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES ON AND ADJACENT TO THE SITE PRIOR TO THE START OF THE PROJECT.
- RADI ARE FROM FACE OF CURB, DIMENSIONS ARE FROM FACE OF CURB.
- LIGHTPOLES ARE 20' MOUNTING HEIGHT, KIM LIGHTING, ENTABLATURE LARGE PICOPRISM LED TYPE II DISTRIBUTION, 4K COLOR TEMPERATURE.



MARIPOSA DAYCARE

PROPOSED SITE PLAN

SNYDER & ASSOCIATES, INC.

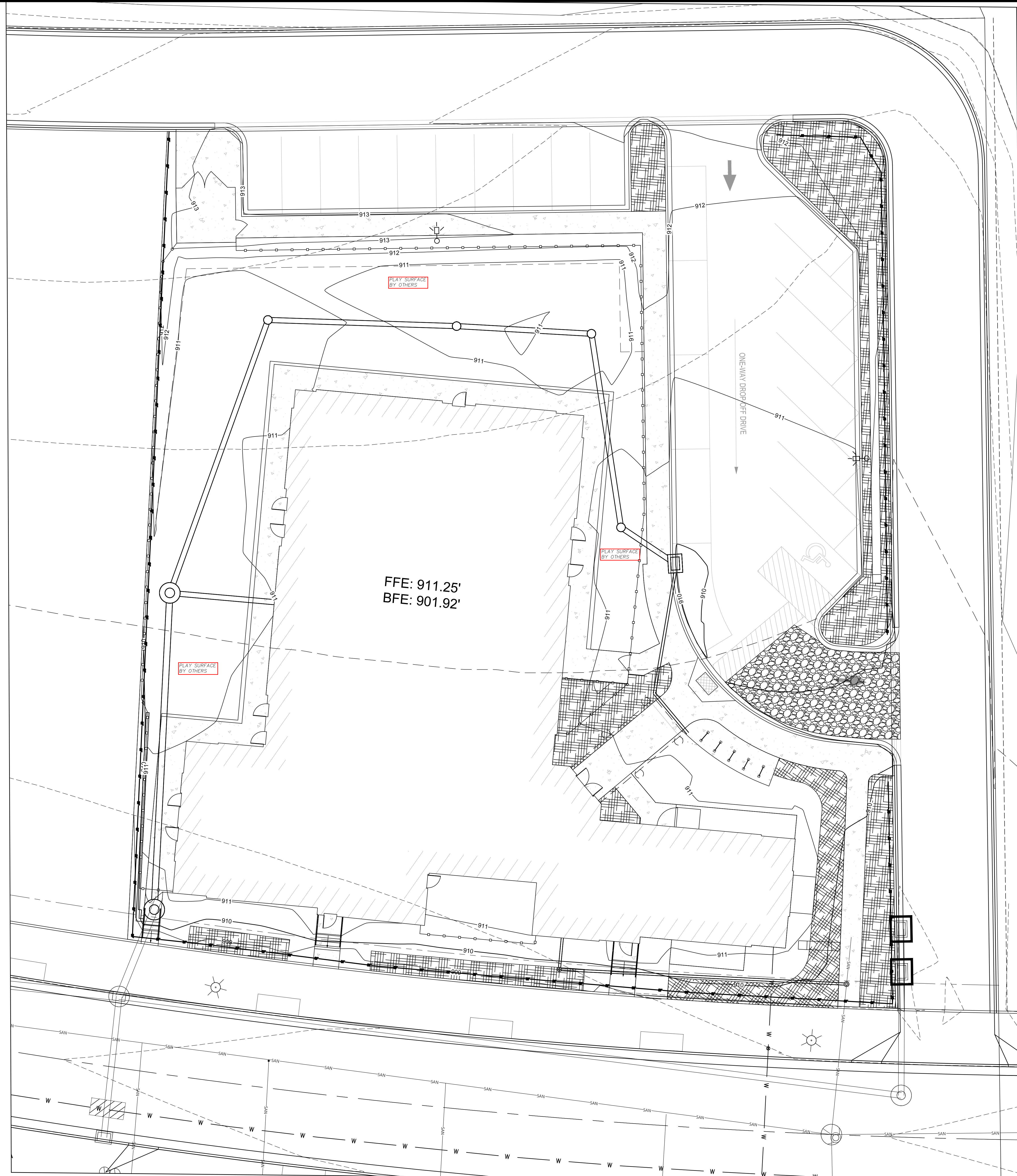


Project No: 119.0497.30
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LOT 38 BRASSICA DRIVE, FITCHBURG, WI

5010 VOGES ROAD
MADISON, WISCONSIN 53718
608-838-0444 | www.snyder-associates.com

MARK	REVISION	DATE	BY
	Checked By: SJA		
	Engineer: SJA		
	Technician: MJA		
	Date: 8-9-2019		
	Field Bk:		
	Pg:		
	PROJECT LOCATION:		
	119.0497.30		



LEGEND

	SILT FENCE
	INLET PROTECTION
	SOD AREAS, SEE LANDSCAPING PLAN
	CONSTRUCTION ENTRANCE

NOTES

ALL SILT FENCE MUST BE INSTALLED BY THE CONTRACTOR AND INSPECTED BY THE CITY PRIOR TO ANY SITE WORK.

-SITE EROSION CONTROL MEASURES MUST BE IN PLACE AT ALL TIMES. SHOULD DEVICES BE REMOVED FOR WORK ACCESS, THEY SHALL BE REINSTALLED AT THE END OF EACH WORK DAY UNTIL PAVEMENTS HAVE BEEN INSTALLED AND ALL LANDSCAPE AREAS HAVE BEEN MULCHED AND SOODED. SEEDD AREAS MUST EXHIBIT MINIMUM OF 70% SOIL COVERAGE.

-REFER TO THE EROSION CONTROL PLAN NOTES AND DETAIL SHEETS FOR MORE INFORMATION.

CONSTRUCTION SEQUENCE

- *INSTALL EROSION/SEDIMENT CONTROL MEASURES
- *INSTALL STORM SEWER
- *INSTALL STRUCTURES
- *INSTALL PAVEMENTS
- *INSTALL LAWN/ LANDSCAPE
- *FLUSH STORM SEWER

REMOVE EROSION CONTROL MEASURES ONLY AFTER ALL PAVEMENTS HAVE BEEN INSTALLED AND ALL SOILS HAVE BEEN STABILIZED.

NOTES:

CONSTRUCTION FENCING TO BE INSTALLED AROUND ENTIRE CONSTRUCTION SITE. COORDINATE WITH OWNER FOR FENCING AND GATE LOCATION AND APPROPRIATE SIGNAGE LOCATION.

CONTRACTOR SHALL LOCATE ALL UTILITIES WHICH MAY AFFECT THIS WORK NOTIFY THE OWNER OF ANY POTENTIAL CONFLICTS.

CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED ELEVATIONS PRIOR TO START OF CONSTRUCTION. VERIFY CRITICAL ELEVATIONS TO ENSURE CONFORMANCE WITH GRADING PLAN, PARTICULARLY WITH WALK, AND/OR PAVEMENTS TO REMAIN. MEET EXISTING GRADES ALONG STREETS, PROPERTY LINES, AND DRIVEWAY ENTRANCES. RESTORE ALL EXISTING PAVEMENTS THAT REMAIN TO THEIR ORIGINAL, IF NOT BETTER CONDITION. NOTIFY OWNER OF ANY CONFLICTS.

AREAS NOT PAVED AND TO BE LANDSCAPED SHALL RECEIVE MINIMUM OF 4" DEPTH COMPACTED TOPSOIL.

CONTRACTOR SHALL COORDINATE GRADING AND INSTALLATION OF DRIVES IN R.O.W. WITH APPROPRIATE GOVERNMENT AGENCIES. OBTAIN APPROPRIATE PERMITS FOR GRADING AND DRAINAGE IN ALL R.O.W.

EXCAVATOR IS RESPONSIBLE FOR ALL EROSION CONTROL INSPECTIONS.

NOTE FOR GRADING CONTRACTOR:

ANY PROPERTY IRONS THAT ARE DISTURBED IN THE GRADING PROCESS SHALL BE RESET BY A LICENSED LAND SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.

NORTH

SCALE: 1" = 10'

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE

1-800-242-8511

TOLL FREE

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

MARK	REVISION	DATE	BY
	Checked By: SAJ		
	Engineer: SAJ	Date: 7-3-2019	
	Technician: WJA	Field Bk:	Pg:
PROJECT LOCATION: LOT 38 BRASSICA DRIVE, FITCHBURG, WI			
5010 VOGES ROAD MADISON, WISCONSIN 53718 608-838-0444 www.snyder-associates.com			

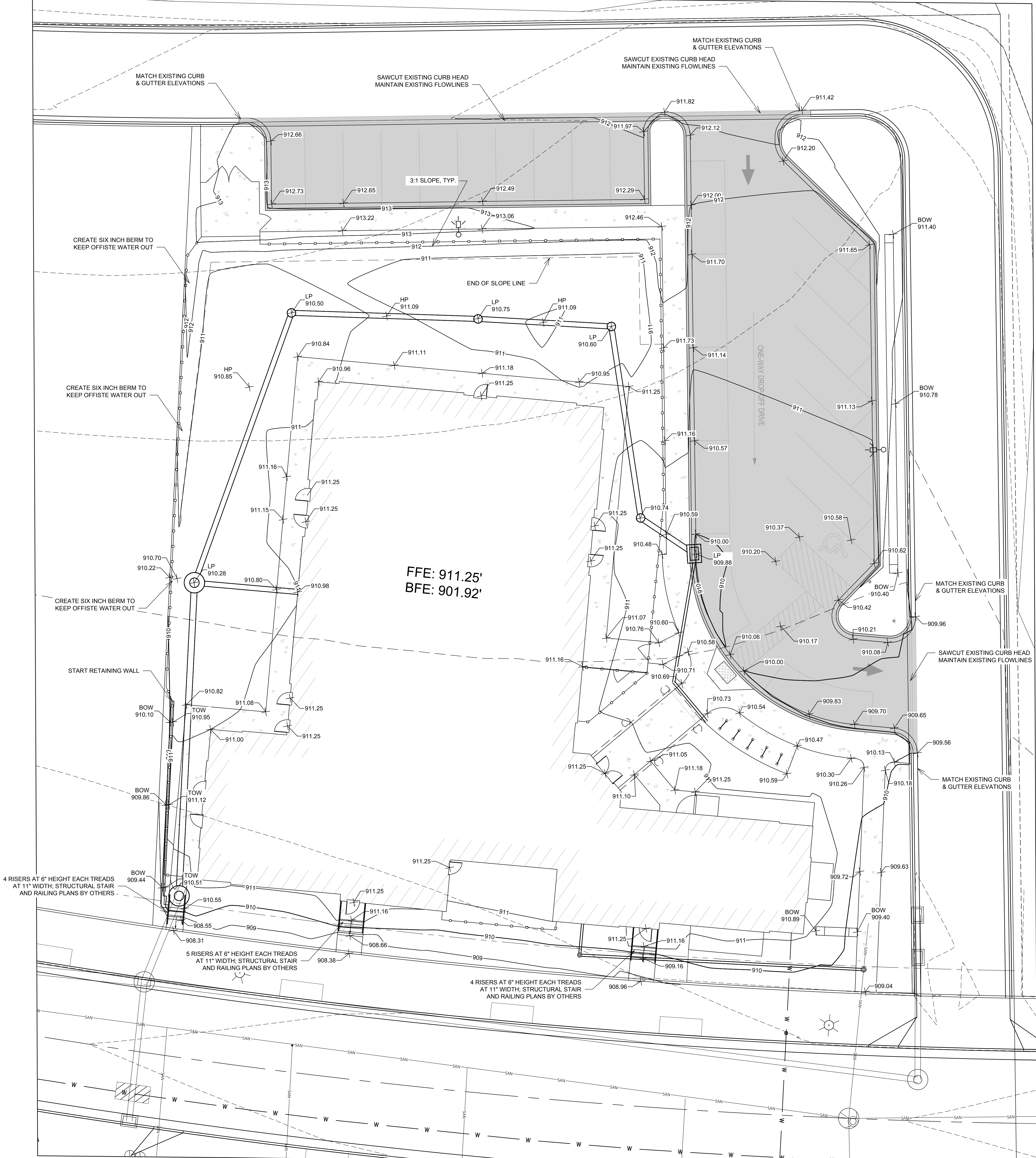
MARIPOSA DAYCARE

PROPOSED GRADING AND EROSION CONTROL PLAN

SNYDER & ASSOCIATES, INC.

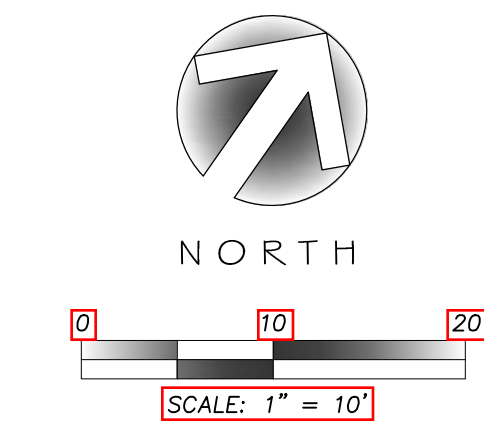
Project No: 119.0497.30

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NOTES:

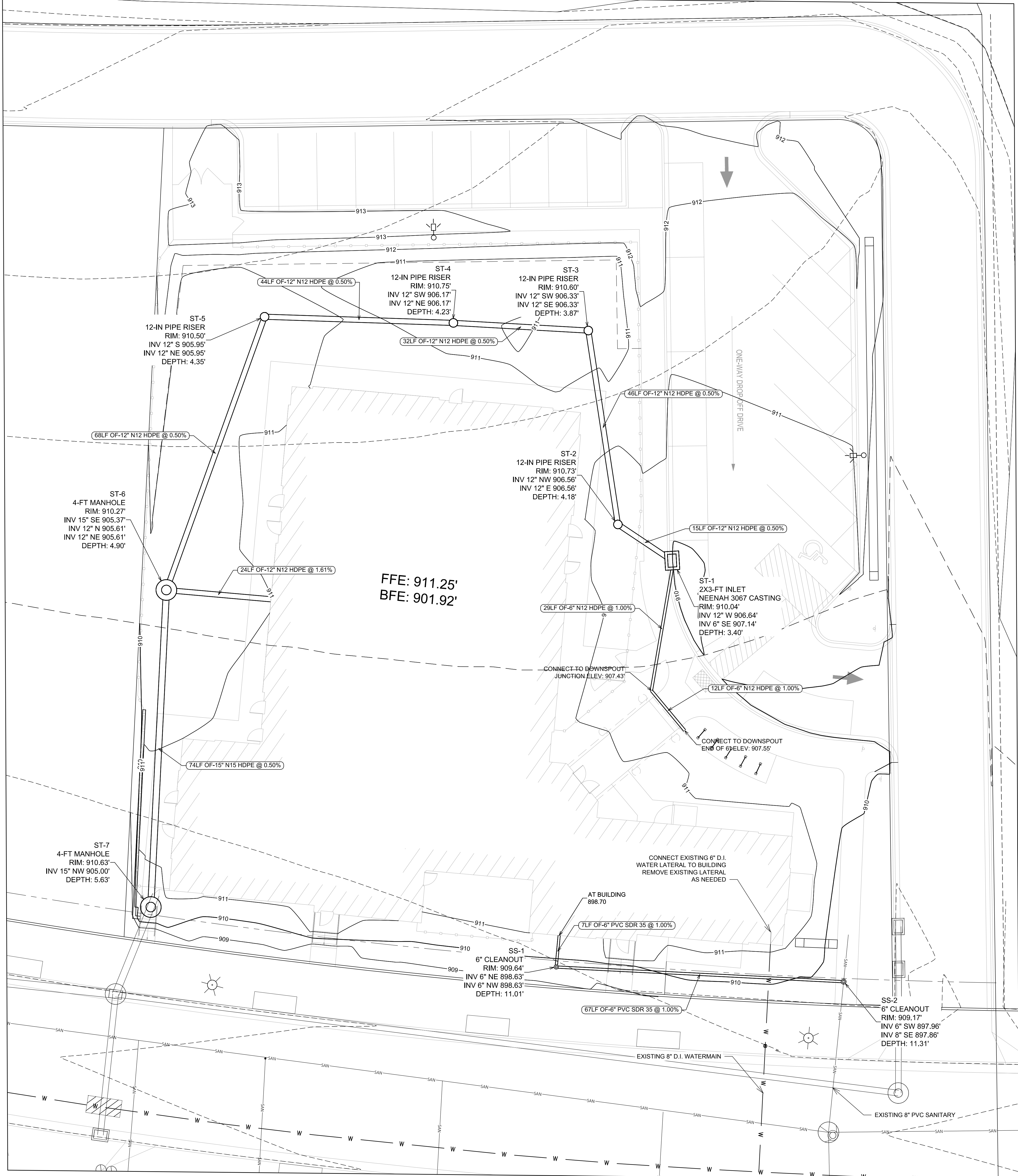
HP = HIGH POINT FOR DRAINAGE
LP = LOW POINT FOR DRAINAGE
TOW = TOP OF WALL
BOW = BOTTOM OF WALL
ALL SPOT ELEVATIONS NOT WITH LABELS DEFINED ABOVE ARE AT THE EDGE OF PAVEMENT, SIDEWALK, OR FLAG OF CURB
HATCHED CURB AND GUTTER DEPICTS EXISTING CURB LOCATIONS
ALL LANDSCAPE AND SOD AREAS SHALL HAVE POSITIVE DRAINAGE
CONTRACTOR SHALL PROVIDE CONTROL JOINTS, CONSTRUCTION JOINTS AND EXPANSION JOINTS IN SLAB ON GRADE, SIDEWALKS AND DRIVEWAYS
CONTROL JOINT MAXIMUM DISTANCE: SIDEWALKS - 8' O.C., ALL OTHERS 10' O.C.
SAW CUT CONTROL JOINTS SHALL BE A MINIMUM OF 1/4" OF THE CONCRETE THICKNESS
EXPANSION JOINT MINIMUM DISTANCE: SIDEWALKS - 24' O.C., ALL OTHERS 40' O.C.
DOWEL ALL EXPANSION JOINTS - 24" O.C.



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REQUIRES MIN. OF 3 WORK DAYS
NOTICE BEFORE YOU EXCAVATE



UTILITY NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
2. THE PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED ACCORDING TO WISCONSIN ADMINISTRATIVE CODE: SECTION SPS 382.384, LATEST EDITION, THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, LATEST EDITION, AND THE LOCAL ORDINANCES AND SPECIFICATIONS.
3. BEFORE PROCEEDING WITH ANY UTILITY CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EACH EXISTING LATERAL OR POINT OF CONNECTION AND VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES. IF ANY EXISTING UTILITIES ARE NOT AS SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY FOR POSSIBLE REDESIGN.
4. ALL CONNECTIONS TO EXISTING PIPES AND MANHOLES SHALL BE CORED CONNECTIONS.
5. PROPOSED SANITARY SEWER, WATER MAIN, AND INTERNALLY CONNECTED STORM SEWER SHOWN ON THIS PLAN SHALL TERMINATE AT POINT FIVE (5) FEET FROM THE EXTERIOR BUILDING WALL.

EXCAVATED MATERIAL FROM THE TRENCH NOT SUITABLE FOR BACKFILL AS DEEMED BY THE PUBLIC SERVICES DIRECTOR SHALL BE HAULED OFF-SITE AND SELECT TRENCH BACKFILL WILL BE REQUIRED.

ADJUSTMENT RINGS SHALL HAVE A MINIMUM HEIGHT OF 4" AND A MAXIMUM HEIGHT OF 12". ADJUSTMENT RINGS FOR STORM MANHOLES SHALL BE POLYETHYLENE PLASTIC UNLESS OTHERWISE APPROVED. CURB INLET RINGS SHALL BE CONCRETE.

MANHOLES 3' DEEP AND GREATER SHALL BE CONSTRUCTED WITH STEPS.

INLETS AT LOW POINTS SHALL HAVE TYPE NEENAH TYPE R GRATES. INLETS ON GRADE SHALL BE DIRECTIONAL TYPE L.

THE LAST TWO PIPES SHALL BE STRAPPED TOGETHER AT END SECTIONS ON ALL PIPES 18" AND GREATER.

STORM SEWER CONNECTING TO EXTERIOR DOWN SPOUTS SHALL BE PER DETAILS ON THE ARCHITECTURAL PLANS. THE EXACT LOCATION OF ALL DOWN SPOUTS SHALL BE PER THE ARCHITECTURAL PLANS.

6. MATERIALS FOR SANITARY SEWER SHALL BE AS FOLLOWS:
SANITARY SEWER SHALL BE PVC IN ACCORDANCE WITH ASTM 3034, SDR-35 AND BEDDED WITH CLASS C BEDDING.
BEDDING: 3/8" TO 1 1/2" CLEAR STONE
COVER: 3/8" TO 1 1/2" CLEAR STONE

TRACER WIRE SHALL BE INSTALLED WITH ALL NEW LATERALS.
TRACER WIRE BOXES SHALL BE PROVIDED AND LOCATED 3' BEHIND THE BACK OF CURB. SEWERS SHALL BE STAMPED IN THE LID OF THE ACCESS BOX.
TRACER WIRE SHALL EXTEND TO THE RIGHT OF WAY.

LOW PRESSURE AIR TESTS ARE REQUIRED ON ALL SANITARY SEWER CONSTRUCTION.
7. MATERIALS FOR WATER SERVICE SHALL BE AS FOLLOWS:
WATER MAIN SHALL BE DUCTILE IRON, SPECIAL CLASS 52 AND BEDDED WITH TYPE 3 EMBEDMENT (SAND OR SAND SCREENINGS)

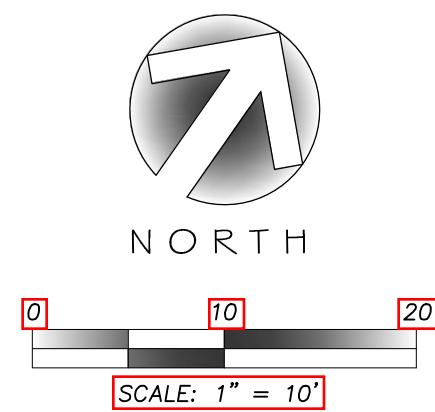
WATER MAIN SHALL BE INSTALLED WITH TRACER WIRE. TRACER WIRE SHALL SURFACE AT ALL HYDRANTS IN A CONDUIT OR A TRACER WIRE ACCESS BOX.

WATER MAIN SHALL BE WRAPPED IN POLYETHYLENE WRAP- LINEAR LOW-DENSITY POLYETHYLENE (LLDPE) MINIMUM THICKNESS 8 MILS OR HIGH-DENSITY CROSS LAMINATED POLYETHYLENE (HDCLPE) MINIMUM THICKNESS 4 MILS.

MECHANICAL JOINT FITTINGS WITH MEGA-LUGS ARE REQUIRED FOR ALL DIRECTIONAL CHANGE FITTINGS AND WATER MAIN ENDS. ALL BOLTS SHALL BE STAINLESS STEEL. ALL FITTINGS SHALL BE "MADE IN AMERICA" CERTIFIED. WATER VALVES SHALL BE AMERICAN FLOW CONTROL SERIES 2500 RESILIENT WEDGE GATE VALVE.

PROVIDE A 2" THICK STYROFOAM INSULATION BETWEEN WATER MAIN AND ALL STORM SEWER CROSSINGS.
WATER MAINS SHALL UNDERGO A PRESSURE AND LEAKAGE TEST. SERVICES SHALL BE TESTED TO THE CURB STOP. SERVICES OF 4" AND LARGER WITH JOINTED PIPE SHALL BE TESTED AGAINST THE VALVE WITH A SECOND TEST OUT TO THE PLUG. THE SECOND TEST MAY BE SHORTER DURATION AS APPROVED BY THE PUBLIC SERVICES DIRECTOR.

WATER SERVICES 4" OF DIAMETER OR GREATER SHALL HAVE VALVES LOCATED IN THE STREET.
8. EXCAVATED MATERIAL FROM THE TRENCH NOT SUITABLE FOR BACKFILL AS DEEMED BY THE PUBLIC SERVICES DIRECTOR SHALL BE HAULED OFF-SITE AND SELECT AND SELECT TRENCH BACKFILL WILL BE REQUIRED.
9. EXTREME CAUTION MUST BE FOLLOWED REGARDING THE COMPACTION OF ALL UTILITY TRENCHES. MECHANICALLY COMPACTED GRANULAR BACKFILL IS REQUIRED UNDER AND WITHIN 5 FEET OF ALL PAVEMENT INCLUDING SIDEWALKS. FLOODING OF BACKFILL MATERIAL IS NOT ALLOWED. THE COST OF THIS GRANULAR MATERIAL AND ITS COMPACTION IS CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE COST OF THE PROPOSED UTILITY.
10. PRIOR TO FINAL PAVING OPERATIONS, THE UTILITY CONTRACTOR SHALL ADJUST ALL MANHOLE AND INLET RIMS AND VALVE BOXES TO FINISHED GRADE.
11. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER WITH A SET OF MARKED-UP PRINTS SHOWING ALL CHANGES MADE DURING THE CONSTRUCTION PROCESS. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE OWNER.
12. TRACER WIRE SHALL BE INSTALLED ON ALL BURIED NON-METALLIC SANITARY SEWERS, PRIVATE SANITARY INTERCEPTOR MAIN SEWERS, STORM BUILDING SEWERS, AND PRIVATE STORM INTERCEPTOR MAIN SEWERS THAT DISCHARGE TO MUNICIPAL MAINS. TRACER WIRE SHALL BE A MINIMUM OF 12-GAUGE, INSULATED, SINGLE-CONDUCTOR COPPER WIRE OR EQUIVALENT. TRACER WIRE COLOR SHALL BE BLUE FOR POTABLE WATER, GREEN FOR SANITARY SEWER, AND BROWN FOR STORM SEWER.





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Project No: 119.0497.30

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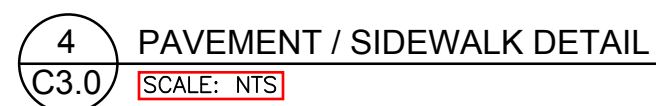
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MARK	REVISION	DATE	BY
Engineer: EAJ	Checked By: EAJ	Date: 8-9-2019	Field Bk:
Technician: MM	PROJECT LOCATION:	V:\Users\jv\OneDrive\Projects\2019\119.0497.30\CD\119.0497.30.dwg	



3 INLET PROTECTION TYPE A & D DETAIL
C4.0 SCALE: NTS



1. DRAWINGS ARE INTENDED TO BE PRINTED ON 30 X 42 PAPER. PRINTING THESE DRAWINGS AT A DIFFERENT SIZE WILL IMPACT THE SCALE. VERIFY THE GRAPHIC SCALE BEFORE RECORDING ANY MEASUREMENTS ON THESE SHEETS. THE RECORD OF THE DRAWING WILL BE RESPONSIBLE FOR ANY DISCREPANCIES RESULTING FROM INACCURATE PRINTING, COPYING, OR ANY OTHER CHANGES THAT ALTER THE SCALE OF THE DRAWINGS.
2. VERIFY ALL PLAN DIMENSIONS PRIOR TO START OF CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE TO ADDRESS ANY QUESTIONS OR CLARIFY ANY DISCREPANCIES.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. GEOTECHNICAL SOILS REPORT RECOMMENDATIONS SHALL BE FOLLOWED DURING CONSTRUCTION. THE CONTRACTOR SHALL USE THESE CONTRACT DOCUMENTS AS A BASIS FOR THE BID.
5. CONTRACTOR SHALL CONFIRM THAT SITE CONDITIONS ARE SIMILAR TO THE PLANS, WITHIN TOLERANCES STATED IN THE CONTRACT DOCUMENTS, AND SATISFACTORY TO THE CONTRACTOR PRIOR TO START OF WORK. SHOULD SITE CONDITIONS BE DIFFERENT THAN REPRESENTED ON THE PLANS OR UNDESIRABLE TO THE CONTRACTOR, THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND FURTHER DIRECTION.
6. THE CONTRACTOR IS RESPONSIBLE TO PAY FOR, AND OBTAIN, ANY REQUIRED APPLICATIONS, PERMITTING, LICENSES, INSPECTIONS AND METERS ASSOCIATED WITH WORK.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO ANY VIOLATIONS OR NON-CONFORMANCE WITH THE PLANS, SPECIFICATIONS, CONTRACT DOCUMENTS, JURISDICTIONAL CODES, AND REGULATORY AGENCIES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL UTILITY LOCATES PRIOR TO ANY EXCAVATION. REFER TO ENGINEERING UTILITY PLANS FOR ALL PROPOSED UTILITY LOCATIONS AND DETAILS. NOTIFY OWNERS REPRESENTATIVE IF EXISTING OR PROPOSED UTILITIES INTERFERE WITH THE ABILITY TO PERFORM WORK.
9. UNLESS IDENTIFIED ON THE PLANS FOR DEMOLITION OR REMOVAL, THE CONTRACTOR IS RESPONSIBLE FOR THE COST TO REPAIR UTILITIES, ADJACENT OR EXISTING LANDSCAPE, ADJACENT OR EXISTING PAVING, OR ANY PUBLIC AND PRIVATE PROPERTY DAMAGE INCURRED BY THE CONTRACTOR OR THEIR SUBCONTRACTOR'S OPERATIONS DURING INSTALLATION, ESTABLISHMENT OR DURING THE SPECIFIED MAINTENANCE PERIOD. ALL DAMAGES SHALL BE REPAIRED TO PRE-CONSTRUCTION CONDITIONS AS DETERMINED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE CONTRACTOR'S RESPONSIBILITY FOR LOGGING ANY DAMAGES PRIOR TO START OF CONSTRUCTION AND DURING THE CONTRACT PERIOD.
10. ALL WORK SHALL BE CONFINED TO THE AREA WITHIN THE CONSTRUCTION LIMITS AS SHOWN ON THE PLANS. ANY AREAS OR IMPROVEMENTS DISTURBED OUTSIDE THESE LIMITS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. IN THE EVENT THE CONTRACTOR REQUIRES A MODIFICATION TO THE CONSTRUCTION LIMITS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE OWNER'S REPRESENTATIVE PRIOR TO ANY DISTURBANCE OUTSIDE OF THE LIMITS OF WORK.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY OF THEIR TRENCHES OR EXCAVATIONS THAT SETTLE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT A TRAFFIC CONTROL PLAN TO THE APPROPRIATE JURISDICTIONAL AGENCIES AND THE OWNER'S REPRESENTATIVE IF THEIR WORK AND OPERATIONS AFFECT OR INTERFERE WITH PUBLIC TRAFFIC. ASSOCIATED WITH THEIR WORK TO ANY WORK WHICH AFFECTS OR IMPACTS THE PUBLIC RIGHTS-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THIS REQUIREMENT DURING THE CONTRACT PERIOD.
13. SIGHT TRIANGLES AND SIGHT LINES SHALL REMAIN UNOBTSTRUCTED BY EQUIPMENT, CONSTRUCTION MATERIALS, PLANT MATERIAL OR ANY OTHER VISUAL OBSTACLE DURING THE CONTRACT PERIOD AND AT MATURITY OF PLANTS PER LOCAL JURISDICTIONAL REQUIREMENTS.
14. NO PLANT MATERIAL OTHER THAN GRASS COVER IS ALLOWED TO BE PLANTED OR EXPOSED TO FIRE HYDRANTS AS STIPULATED BY JURISDICTIONAL REQUIREMENTS.
15. COORDINATE SITE ACCESS, STAGING, STORAGE AND CLEANOUT AREAS WITH OWNER'S REPRESENTATIVE.
16. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY SAFETY FENCING AND BARRIERS AROUND ALL IMPROVEMENTS SUCH AS WALLS, PLAYS AND STRUCTURES. EXCEPT WHERE CONSTRUCTION OPERATIONS THAT SUCH FACILITIES ARE COMPLETELY INSTALLED PER THE PLANS, SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THEIR MATERIAL STOCK PILES AND WORK FROM VANDALISM, EROSION OR UNINTENDED DISTURBANCE DURING THE CONSTRUCTION PERIOD AND UNTIL FINAL ACCEPTANCE IS ISSUED.
18. THE CONTRACTOR SHALL KNOW, UNDERSTAND AND ABIDE BY ANY STORM WATER POLLUTION PREVENTION PROGRAM (SWPPP) IN THE AREA. IF A STORM WATER POLLUTION PREVENTION PLAN IS NOT PROVIDED BY THE OWNER'S REPRESENTATIVE, REQUEST A COPY BEFORE PERFORMANCE OF ANY SITE WORK.
19. MAINTAIN ANY STORM WATER MANAGEMENT FACILITIES THAT EXIST ON SITE FOR FULL FUNCTIONALITY. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ANY NEW STORM WATER MANAGEMENT FACILITIES THAT ARE IDENTIFIED IN THE SPECIFICATIONS OF WORK. IF THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER FOR FAILURE TO MAINTAIN STORM WATER MANAGEMENT FACILITIES DURING THE CONTRACT PERIOD.
20. THE CONTRACTOR SHALL PREVENT SEDIMENT, DEBRIS AND ALL OTHER POLLUTANTS FROM EXITING THE SITE OR ENTERING THE STORM SEWER SYSTEM DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL BE PART OF THE LANDSCAPE INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS DURING THEIR CONTRACTED COURSE OF WORK.
21. THE CONTRACTOR SHALL BE RESPONSIBLE TO PREVENT ANY IMPACTS TO ADJACENT WATERWAYS, WETLANDS, OR OTHER ENVIRONMENTALLY SENSITIVE AREAS RESULTING FROM WORK DONE AS PART OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE STANDARDS DURING THEIR CONTRACTED COURSE OF WORK.
22. THE CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL ENSURE THAT ALL LOADS OF CONSTRUCTION MATERIAL, IMPORTED TO OR EXPORTED FROM THE CONSTRUCTION SITE SHALL BE PROPERLY COVERED TO PREVENT LOSS OF MATERIAL DURING TRANSPORT. TRANSPORTATION METHODS ON PUBLIC RIGHT-OF-WAYS SHALL CONFORM TO JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES OR PENALTIES ASSESSED TO THE OWNER RELATING TO THESE REQUIREMENTS.
23. THE CLEANING OF EQUIPMENT IS PROHIBITED AT THE JOB SITE UNLESS AUTHORIZED BY THE OWNER FOR A DESIGNATED AREA. THE DISCHARGE OF WATER, WASTE CONCRETE, POLLUTANTS, OR OTHER MATERIALS SHALL ONLY OCCUR IN AREAS DESIGNED FOR SUCH USE AND APPROVED BY THE OWNER'S REPRESENTATIVE.
24. THE CLEANING OF CONCRETE EQUIPMENT IS PROHIBITED AT THE JOB SITE EXCEPT IN DESIGNATED CONCRETE WASHOUT AREAS. THE DISCHARGE OF WATER CONTAINING WASTE CONCRETE IN THE STORM SEWER IS PROHIBITED.
25. LOCAL, STATE AND FEDERAL JURISDICTIONAL REQUIREMENTS, RESTRICTIONS OR PROCEDURES SHALL SUPERSEDE THESE PLANS, NOTES AND SPECIFICATIONS. IN THE EVENT OF A CONFLICT, NOTIFY THE OWNER'S REPRESENTATIVE IF CONFLICTS OCCUR.

1. UTILITY WARNING - ALL UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN RESPECT OF LOCATION OR DEPTH. THE SURVEYOR DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.
2. NOTIFY UTILITY OWNERS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXISTENCE, EXACT LOCATION AND DEPTH OF ALL UTILITIES. AVOID DAMAGE TO UTILITIES AND SERVICES DURING CONSTRUCTION. ANY DAMAGE DUE TO THE CONTRACTOR'S CARELESSNESS SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. COORDINATE AND COOPERATE WITH UTILITY COMPANIES DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL FOLLOW THE LANDSCAPE PLANS AND SPECIFICATIONS AS CLOSELY AS POSSIBLE. ANY SUBSTITUTION OR ALTERATION SHALL NOT BE ALLOWED WITHOUT APPROVAL OF THE OWNER'S REPRESENTATIVE. OVERALL PLANT QUANTITY AND QUALITY SHALL BE CONSISTENT WITH THE PLANS.
4. ALL PLANT MATERIAL SHALL AT LEAST MEET MINIMUM REQUIREMENTS SHOWN IN THE "AMERICAN STANDARDS FOR NURSERY STOCK" (ANSI Z60.1-LATEST EDITION).
5. MULCH SHALL NOT BE PLACED AROUND THE COLLAR OF SHRUB OR TREE. PROVIDE A MINIMUM OF 2" BETWEEN MULCH AND COLLAR OF SHRUB OR TREE.
6. ALL PLANT MATERIAL SHALL BE GROWN IN ZONE CAPABLE OF WITHSTANDING LOCAL CLIMATE AND GROWING CONDITIONS.
7. TREE OR SHRUB SHALL STAND PLUMB. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACK FILLING.
8. LIVE PLANTS CAN BE PLANTED IN THE FIELD DURING THE GROWING SEASON FROM MAY 1 THROUGH OCTOBER 1. ANY SUGGESTED PLANTING TIMES NOT IN THIS WINDOW SHALL BE APPROVED BY LANDSCAPE ARCHITECT. IF PLANTING OCCURS OUTSIDE OF THE GROWING SEASON, THE CONTRACTOR SHALL TAKE CARE TO WATER AND MULCH TO ENSURE PLANT SURVIVAL. IN THESE INSTANCES, THE CONTRACT PRICE MAY NEED TO BE ADJUSTED ACCORDINGLY.
9. PLANTS SHOULD BE WATERED IN AFTER INSTALLATION TO ENSURE THEIR SURVIVAL. THIS TYPICALLY INVOLVES WATERING AT TIME OF INSTALLATION AND 2 TIMES WEEKLY FOR A ONE MONTH PERIOD OR UNTIL GROUND FREEZE UP IF NATURAL RAINFALLS ARE INSUFFICIENT. A SINGLE WATERING EVENT INVOLVES WATERING THE SOIL IN THE AREA OF THE PLANT TO THE DEPTH OF THE PLANT. STOPPING SHORT OF SOIL DISPLACEMENT. SHOULD VERY DRY CONDITIONS DEVELOP WITHIN ONE YEAR OF PLANTING, ADDITIONAL WATERINGS MAY BE NECESSARY. CONSULTANT OR LANDSCAPE ARCHITECT SHALL DETERMINE THESE AND CONTRACT PRICES MAY BE ADJUSTED TO ACCOMMODATE THIS ACTION.
10. ALL PLANT MATERIAL SHALL BE SPECIMEN QUALITY, HEALTHY, FREE OF DISEASE AND INJURY. PLANTS SHALL BE PLANTED AT THE CORRECT DEPTH. PLANTS SHALL ALSO BE FREE FROM PHYSICAL DAMAGE OR OTHER CONDITIONS THAT WOULD PREVENT VIGOROUS GROWTH.
11. ALL PROPOSED PLANTS SHALL BE LOCATED AS SHOWN ON PLANS. ALL TREES TO BE PLANTED A MINIMUM DISTANCE OF 5 FEET FROM PAVEMENTS AND 6 FEET FROM ALL HYDRANTS.
12. CONTRACTOR IS RESPONSIBLE FOR PLANTS AWAITING INSTALLATION AND SHALL PROTECT THEM FROM INJURY AND THEFT.
13. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT QUANTITIES. GRAPHIC QUANTITIES TAKES PRECEDENCE OVER WRITTEN QUANTITIES.
14. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND TAG ALL PLANT MATERIAL PRIOR TO SHIPPING TO THE SITE. IN ALL CASES, THE OWNER'S REPRESENTATIVE MAY REJECT PLANT MATERIAL AT THE SITE IF MATERIAL IS DAMAGED, DISEASED, OR DECLINING IN HEALTH AT THE TIME OF ONSITE INSPECTIONS OR IF THE PLANT MATERIAL DOES NOT MEET THE MINIMUM SPECIFIED STANDARD IDENTIFIED ON THE PLANS. IN THE EVENT OF A REJECTION, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR INSPECTION AND APPROVAL OF ALL MATERIALS AND PRODUCTS PRIOR TO INSTALLATION.
15. THE OWNER'S REPRESENTATIVE MAY ELECT TO UPSIZE PLANT MATERIAL AT THEIR DISCRETION BASED ON SELECTION, AVAILABILITY, OR TO ENHANCE SPECIFIC AREAS OF THE PROJECT. THE CONTRACTOR SHALL VERIFY PLANT MATERIAL SIZES WITH THE OWNER'S REPRESENTATIVE PRIOR TO PURCHASING, SHIPPING OR STOCKING OF PLANT MATERIALS. SUBMIT CHANGE ORDER REQUEST TO OWNER'S REPRESENTATIVE FOR APPROVAL IF ADDITIONAL COST IS REQUESTED BY THE CONTRACTOR PRIOR TO INSTALLATION. RE-STOCKING CHARGES WILL NOT BE APPROVED IF THE CONTRACTOR FAILS TO SUBMIT A REQUEST FOR MATERIAL CHANGES.
16. THE CONTRACTOR SHALL WARRANTY ALL CONTRACTED WORK AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION HAS BEEN ISSUED BY THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENTIRE PROJECT UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS OR SPECIFICATIONS.
17. LANDSCAPE MATERIAL LOCATIONS SHALL HAVE PRECEDENCE OVER IRRIGATION MAINLINE AND LATERAL LOCATIONS. COORDINATE INSTALLATION OF IRRIGATION EQUIPMENT SO THAT IT DOES NOT INTERFERE WITH THE PLANTING OF TREES OR OTHER LANDSCAPE MATERIAL.
18. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE EXISTS IN ALL LANDSCAPE AREAS. SURFACE DRAINAGE ON LANDSCAPE AREAS SHALL NOT FLOW TOWARD STRUCTURES AND FOUNDATIONS. MAINTAIN SLOPE AND PROTECT FOUNDATIONS FROM THE GEOTECHNICAL REPORT RECOMMENDATIONS. ALL LANDSCAPE AREAS BETWEEN WALKS AND CURBS SHALL DRAIN FREELY TO THE CURB UNLESS OTHERWISE IDENTIFIED ON THE GRADING PLAN. IN NO CASE SHALL THE GRADE, TUFF THATCH, OR OTHER LANDSCAPE MATERIALS DAM WATER AGAINST WALKS. MINIMUM SLOPES ON LANDSCAPE AREAS SHALL BE 2% MAXIMUM SLOPE SHALL BE 25% UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS OR APPROVED BY THE OWNER'S REPRESENTATIVE.
19. PRIOR TO INSTALLATION OF PLANT MATERIALS, AREAS THAT HAVE BEEN COMPACTED OR DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE THOROUGHLY LOOSENED TO A DEPTH OF 8" - 12" AND AMENDED PER SPECIFICATIONS.
20. ALL LANDSCAPED AREAS ARE TO RECEIVE ORGANIC SOIL PREPARATION PER RATE IDENTIFIED BY A SOIL TEST OR AS NOTED IN THE TECHNICAL SPECIFICATIONS.
21. TREES SHALL NOT BE LOCATED IN DRAINAGE SWALES, DRAINAGE AREAS, OR UTILITY EASEMENTS. CONTACT OWNER'S REPRESENTATIVE FOR RELOCATION OF PLANTS IN QUESTIONABLE AREAS PRIOR TO INSTALLATION.
22. THE CENTER OF EVERGREEN TREES SHALL NOT BE PLACED CLOSER THAN 8" AND THE CENTER OF ORNAMENTAL TREES CLOSER THAN 6" FROM A SIDEWALK, STREET OR DRIVE LANE. EVERGREEN TREES SHALL NOT BE LOCATED ANY CLOSER THAN 15" FROM EXISTING OR PROPOSED GRADE. THE CONTRACTOR SHALL VERIFY IF TREE LOCATIONS CONFLICT WITH THESE STANDARDS FOR FURTHER DIRECTION.
23. ALL EVERGREEN TREES SHALL BE FULLY BRANCHED TO THE GROUND AND SHALL NOT EXHIBIT EVIDENCE OF ACCELERATED GROWTH AS DETERMINED BY THE OWNER'S REPRESENTATIVE.
24. ALL TREES ARE TO BE STAKED AND GUYED PER DETAILS FOR A PERIOD OF 1 YEAR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING STAKES AT THE END OF 1 YEAR FROM ACCEPTANCE OF LANDSCAPE INSTALLATION BY THE OWNER'S REPRESENTATIVE. OBTAIN APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO REMOVAL.
25. ALL TREES INSTALLED ABOVE RETAINING WALLS UTILIZING GEO-GRID MUST BE HAND DUG TO PROTECT GEO-GRID. IF GEO-GRID MUST BE CUT TO INSTALL TREES, APPROVAL MUST BE GIVEN BY OWNER'S REPRESENTATIVE PRIOR TO DOING WORK.
26. ALL TREES IN SEED OR TUFF AREAS SHALL RECEIVE MULCH RINGS. OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE FOR ANY TREES THAT WILL NOT BE MULCHED FOR EXCESSIVE MOISTURE REASONS.
27. EXISTING TUFF AREAS THAT ARE DISTURBED DURING CONSTRUCTION, ESTABLISHMENT AND THE MAINTENANCE PERIOD SHALL BE RESTORED WITH NEW SOD TO MATCH EXISTING TUFF SPECIES. DISTURBED NATIVE AREAS WHICH ARE TO REMAIN SHALL BE OVER SEEDED AND RESTORED WITH SPECIFIED SEED MIX.
28. WHEN COMPLETE, ALL GRADES SHALL BE WITHIN +/- 1/8" OF FINISHED GRADES AS SHOWN ON THE PLANS.
29. WHEN PLANTER POTS ARE SHOWN ON PLANS, CONTRACTOR SHALL INCLUDE THE FORTH COMING PLANTER MIX AND ANNUAL OVER-PLANTING PROGRAM (INCLUDES 2 PLANTINGS FOR THE 1ST YEAR (SPRING AND FALL) AND WINTER HAND-WATERING AS NEEDED). UNLESS OTHERWISE SPECIFIED, CONTRACTOR TO PROVIDE ANNUAL PLANTING SELECTION FOR REVIEW BY OWNER. IRRIGATION FOR PLANTERS TO BE ON SEPARATE ZONES. CONTRACTOR TO COORDINATE PLACEMENT OF NECESSARY SLEEVING PRIOR TO PLACEMENT OF PAVEMENT.
30. PRIOR TO THE PLACEMENT OF MULCH AND WEED FABRIC, A GRANULAR, PRE-EMERGENT, WEED CONTROL AGENT SHALL BE ADDED TO ALL PLANTING BEDS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION, EXCEPT AROUND ORNAMENTAL GRASSES.
31. THE CONTRACTOR IS EXPECTED TO KNOW AND UNDERSTAND THE CITY AND COUNTY SPECIFICATIONS FOR LANDSCAPE AND IRRIGATION. IN CASES OF DISCREPANCIES THE HIGHER OF THE TWO STANDARDS SHALL HAVE PRECEDENCE.
32. ALL TREES PLANTED WITHIN RIGHT-OF-WAY WILL INCLUDE CITY APPROVED ROOT BARRIERS.
33. REFER TO SHEET R1001-R1004 FOR THE IRRIGATION PLAN AND POINT OF CONNECTION INFORMATION.

ITY	KEY	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	MATURE SIZE	COMMENTS
CANOPY TREES						
1	QR	Quercus rubra	NORTHERN RED OAK	2 1/2" Cal.	60'h x 60"w	B&B
2	GT	Gleditsia tricanthos var. inermis 'Skycole'	SKYLINE HONEYLOCUST	2 1/2" Cal.	50'h x 20"w	B&B
EVERGREEN TREES						
5	JS	Juniperus scopulorum 'Baligh'	SKYHIGH JUNIPER	4'h	12'h x 5'w	B&B
ORNAMENTAL TREES						
5	MS	Malus x 'Spring Snow'	SPRING SNOW CRABAPPLE	1 1/2" Cal.	20'h x 20"w	B&B
2	EB	Cercis canadensis	EASTERN REDBUD	1 1/2" Cal.	20'h x 25'w	B&B, MULTISEM
DECIDUOUS SHRUBS						
2'-4" SPREAD						
3	PO	Potentilla fruticosa 'Goldfinger'	GOLDFINGER POTENTILLA	18" Ht.	3'h x 4'w	#5 CONT.
5'-7" SPREAD						
5	FM	Forsythia x intermedia 'Mindor'	SHOW OFF FORSYTHIA	24" Ht.	6'h x 6'w	#5 CONT.
5	BL	Syringa x 'Penda'	BLOOMERANG PURPLE LILAC	24" Ht.	5'h x 5'w	#5 CONT.
7' + SPREAD						
5	SS	Rhus glabra	SMOOTH SUMAC	36" Ht.	9'h x 10'w	#5 CONT.
3	RA	Rhus aromatica	FRAGRANT SUMAC	24" Ht.	5'h x 8'w	#5 CONT.
4	CN	Physocarpus poutifolius	COMMON NINEBARK	24" Ht.	6'h x 7'w	#5 CONT.
EVERGREEN SHRUBS						
2'-4" SPREAD						
4	JN	Juniperus procumbens 'Nana'	DWARF JAPANESE GARDEN JUNIPER	12" Ht.	1.5'h x 4'w	#5 CONT.
5'-7" SPREAD						
16	JP	Juniperus horizontalis 'Plumosa'	ANDORRA JUNIPER	6" Ht.	18'h x 5'w	#5 CONT.
6	YE	Taxus x media 'Tauntonii'	TAUNTON'S YEW	12" Ht.	4'h x 6'w	#5 CONT.
7' + SPREAD						
5	RC	Rhododendron catawbiense 'Album'	WHITE CATAWBA RHODODENDRON	24" Ht.	6'h x 7'w	#5 CONT.
ORNAMENTAL GRASSES						
28	PS	Panicum virgatum 'shenandoah'	SHENANDOAH SWITCH GRASS	8" Ht.	48" Ht.	#1 CONT.
21	NO	Chasmanthium latifolium	NORTHERN SEA OATS GRASS	8" Ht.	36" Ht.	#1 CONT.
5	TH	Deschampsia cespitosa	TUFTED HAIRGRASS	8"	36" Ht.	#1 CONT.
PERENNIAL PLANTS						
6	BB	Monarda didyma	BEE BALM	8" Ht.	4" Ht.	3" POT
10	WM	Asclepias verticillata	WHORLED MILKWEED	4" Ht.	2.5" Ht.	3" POT
4	OC	Rudbeckia fulgida	ORANGE CONEFLOWER	8" Ht.	3" Ht.	3" POT
64	LV	Viola labradorica	LABRADOR VIOLET	4" Ht.	6" Ht.	3" POT



1 DECIDUOUS TREE STAKING

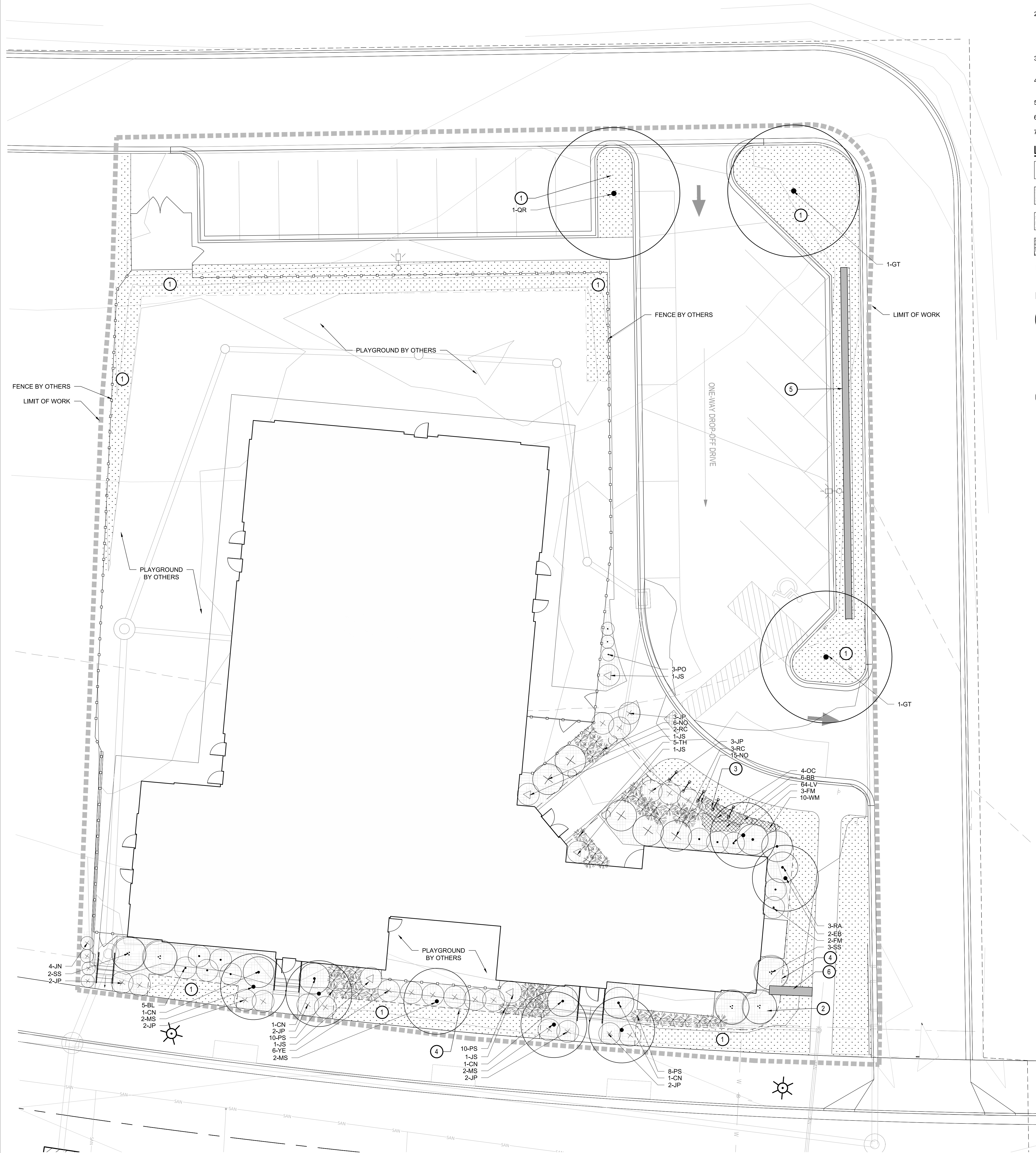


NO SCALE



SCALE: 3/4" = 1'-0"





PLANTING PLAN

PLANTING PLAN CONSTRUCTION NOTES

1. BLACK BEAUTY TALL FESCUE KENTUCKY BLUEGRASS (TFKB SOD) PROVIDED BY PAUL'S TURF & TREE NURSERY (608.655.3600) OR APPROVED EQUAL.
2. PROVIDE 3" DEPTH SHREDDED HARDWOOD MULCH AROUND ALL STAND-ALONE TREES TO A MIN. 3-FOOT PERIMETER, AND IN ALL AREAS NOTED ON PLANS OVER GEOTEXTILE WEED CONTROL FABRIC. NO WEED CONTROL FABRIC IS REQUIRED IN GROUNDCOVER OR PERENNIAL AREAS. MULCHED LANDSCAPE BEDS SHALL HAVE A SPADED VERTICAL EDGE WHEN PERIMETER IS NOT CONCRETE CURB. MULCH PROVIDED BY KELENY TOP SOIL (608.833.4835) OR APPROVED EQUAL.
3. PERENNIAL BED WITH 3" DEPTH SHREDDED HARDWOOD MULCH PROVIDED BY KELENY TOP SOIL (608.833.4835) OR APPROVED EQUAL.
4. MULCHED LANDSCAPE BEDS SHALL HAVE A SPADED VERTICAL EDGE AT 4" DEPTH WHEN PERIMETER IS NOT CONCRETE SIDEWALK OR CURB.
5. FREE STANDING WALL AT PARKING LOT, RE: DET. 3/L2.0
6. FREE STANDING WALL, RE: DET. 4/L2.0
7. REFER TO CONSTRUCTION SEQUENCE FOR NOTES REGARDING SITE RESTORATION.

LANDSCAPE LEGEND

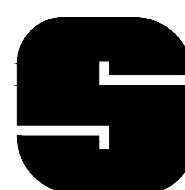
- SOD, REFER TO CONSTRUCTION NOTES FOR TYPE
- SHRUB BED WITH HARDWOOD MULCH, REFER TO CONSTRUCTION NOTES FOR TYPE
- TURF SEED, REFER TO CONSTRUCTION NOTES FOR TYPE
- PERENNIALS
- LIMIT OF WORK
- SPADED CUT EDGER AT 4" DEPTH
- FREE STANDING WALL
- DECIDUOUS CANOPY TREE
- LARGE DECIDUOUS ORNAMENTAL TREE
- EVERGREEN
- DECIDUOUS SHRUBS
- EVERGREEN SHRUBS
- UPRIGHT EVERGREEN
- ORNAMENTAL GRASSES
- LANDSCAPE BOULDERS

PLANT SCHEDULE	
KEY	COMMON NAME
CANOPY TREES	
QR	NORTHERN RED OAK
GT	SKYLINE HONEYLOCUST
EVERGREEN TREES	
JS	SKYHIGH JUNIPER
ORNAMENTAL TREES	
MS	SPRING SNOW CRABAPPLE
EB	EASTERN REDBUD
DECIDUOUS SHRUBS	
2'-4" SPREAD	
PO	GOLDFINGER POTENTILLA
5'-7" SPREAD	
FM	SHOW OFF FORSYTHIA
BL	BLOOMERANG PURPLE LILAC
7' + SPREAD	
SS	SMOOTH SUMAC
RA	FRAGRANT SUMAC
CN	COMMON NINEBARK
EVERGREEN SHRUBS	
2'-4" SPREAD	
JN	DWARF JAPANESE GARDEN JUNIPER
5'-7" SPREAD	
JP	ANDORRA JUNIPER
YE	TAUNTON'S YEW
7' + SPREAD	
RC	WHITE CATAWBA RHODODENDRON
ORNAMENTAL GRASSES	
PS	SHENANDOAH SWITCH GRASS
NO	NORTHERN SEA OATS GRASS
TH	TUFTED HAIRGRASS
PERENNIAL PLANTS	
BB	BEE BALM
WM	WHORLED MILKWEED
OC	ORANGE CONEFLOWER
LV	LABRADOR VIOLET

MARIPOSA DAYCARE

PLANTING PLAN

SNYDER & ASSOCIATES, INC.

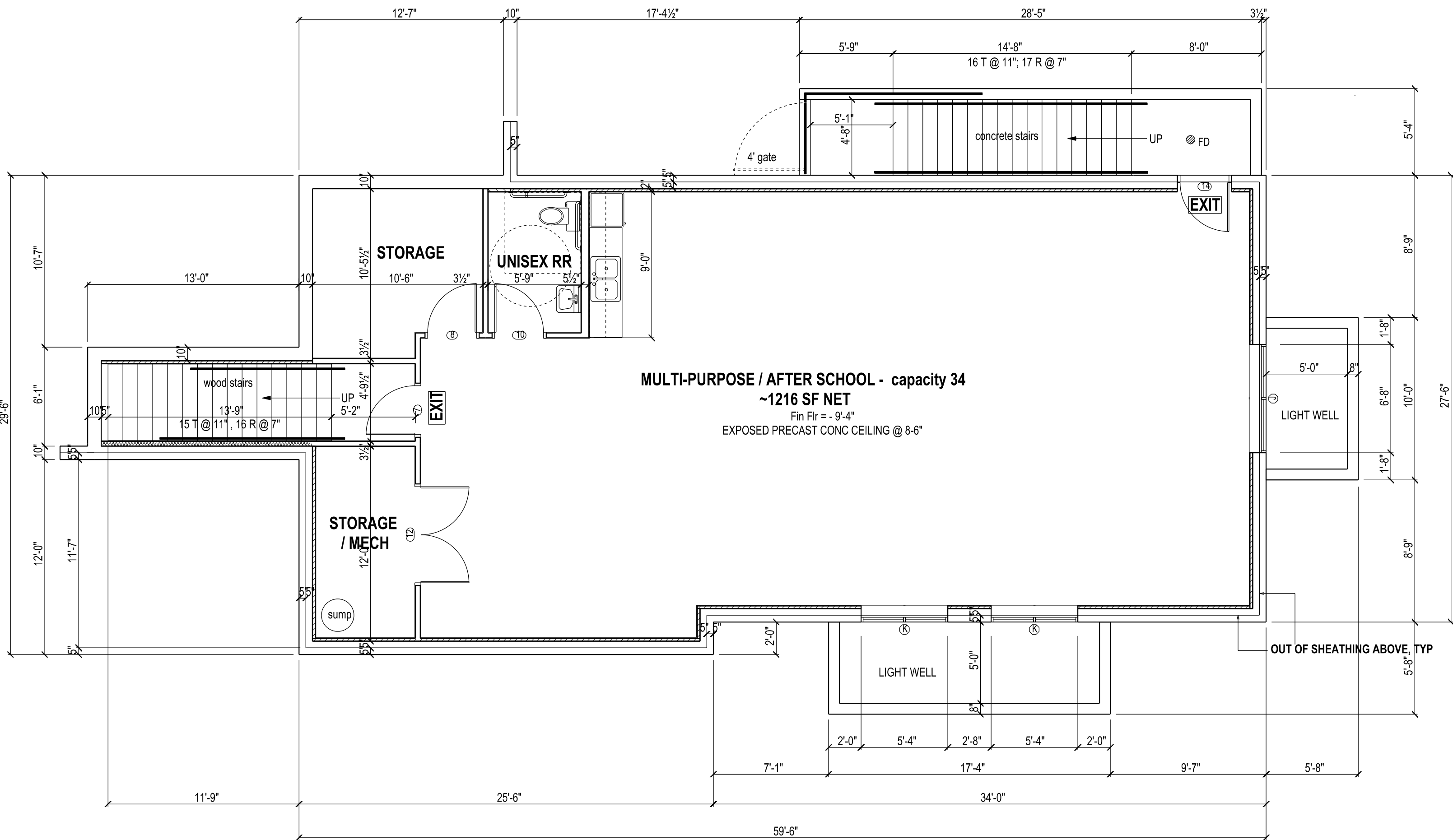
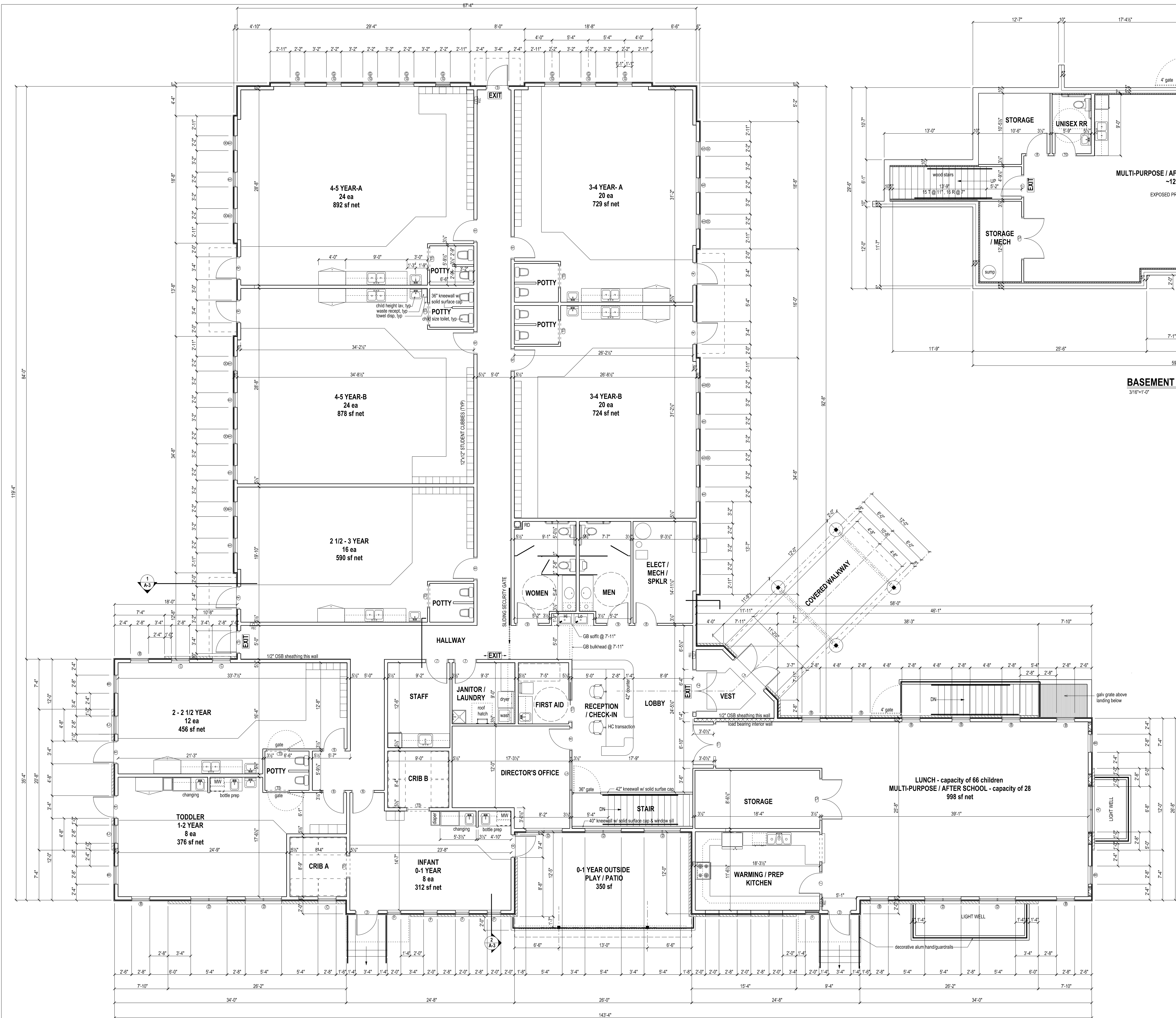


SNYDER & ASSOCIATES

Project No: 119.0497.30

Sheet L2.0





GENERAL BUILDING NOTES:

- 2015 Wisconsin IBC Code
- Group E - Educational - Group Child Daycare Occupancy
- Type SB - Wood Framed Construction
- Building is completely sprinklered per NFPA-72 & local code
- Total Building Area:
 - Enclosed Floor Area = 10,298 sf
 - Exterior Canopy Area = 720 sf
 - Basement Level Area = 1,895 sf
 - Total Building Area = 12,706 sf
- Building Areas & Occupants (Wisconsin DFS max/min requirements)
 - 4-5 Yr - A classroom - 892 sf net, 24 students, 2 teachers
 - 4-5 Yr - B classroom - 878 sf net, 24 students, 2 teachers
 - 3-4 Yr - A classroom - 729 sf net, 20 students, 2 teachers
 - 3-4 Yr - B classroom - 724 sf net, 20 students, 2 teachers
 - 2 1/2-3 Yr classroom - 590 sf net, 16 students, 2 teachers
 - 2-2 1/2 Yr classroom - 456 sf net, 12 students, 2 teachers
 - 1-2 Yr - A classroom - 376 sf net, 8 students, 2 teachers
 - Infant classroom - 312 sf net, 8 students, 2 teachers
 - Total Classrooms - 4957 sf net, 132 max, 16 teachers, 8 adults
 - Director / Reception & extra staff:
 - Total Building Occupancy - 132 students & 24 teachers = 156 persons
 - Non-concurrent Occupancy - 60 after school students + 10 teachers/staff = 64 persons
 - Sanitary Facilities: 104 students > 2 1/2 yr = 104 + 24 adults = 128 persons
 - Required Women - 64 / 50 = 1.3; Provide 2 ea WC (serves 100 females)
 - Required Men - 64 / 50 = 1.3; Provide 1 WC & 1 Urinal (serves 100 males)
 - Provide a non-required convenience Unisex Restroom in Basement
 - Provide 1 lavatory in each Restroom
 - Provide 2 water coolers
 - Provide 1 janitor's sink
 - Provide 12 children's potty training WC per DFS reqmts in classrooms

GENERAL CONSTRUCTION NOTES:

- Demolition wastes shall be recycled where applicable. All wastes shall be disposed of in accordance with all state and local laws / ordinances.
- Contractors shall field verify all dimensions and conditions satisfying themselves that work can be completed as generally depicted on the plan. Any discrepancies / problems shall be brought to the attention of McCoy Engineering for resolution prior to proceeding with the work.
- All construction shall be in accordance with local, State and/or National Codes as applicable.
- All designs and plans for Mechanical, Electrical, Plumbing or other aspects of the work shall be performed by the respective Contractors Design Professional in accordance with all local, state, and/or national codes.

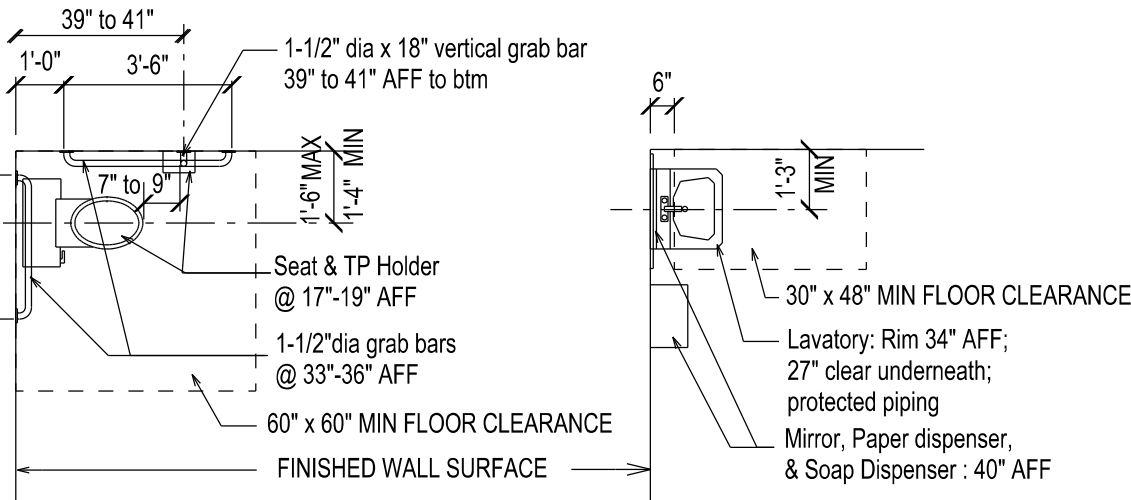
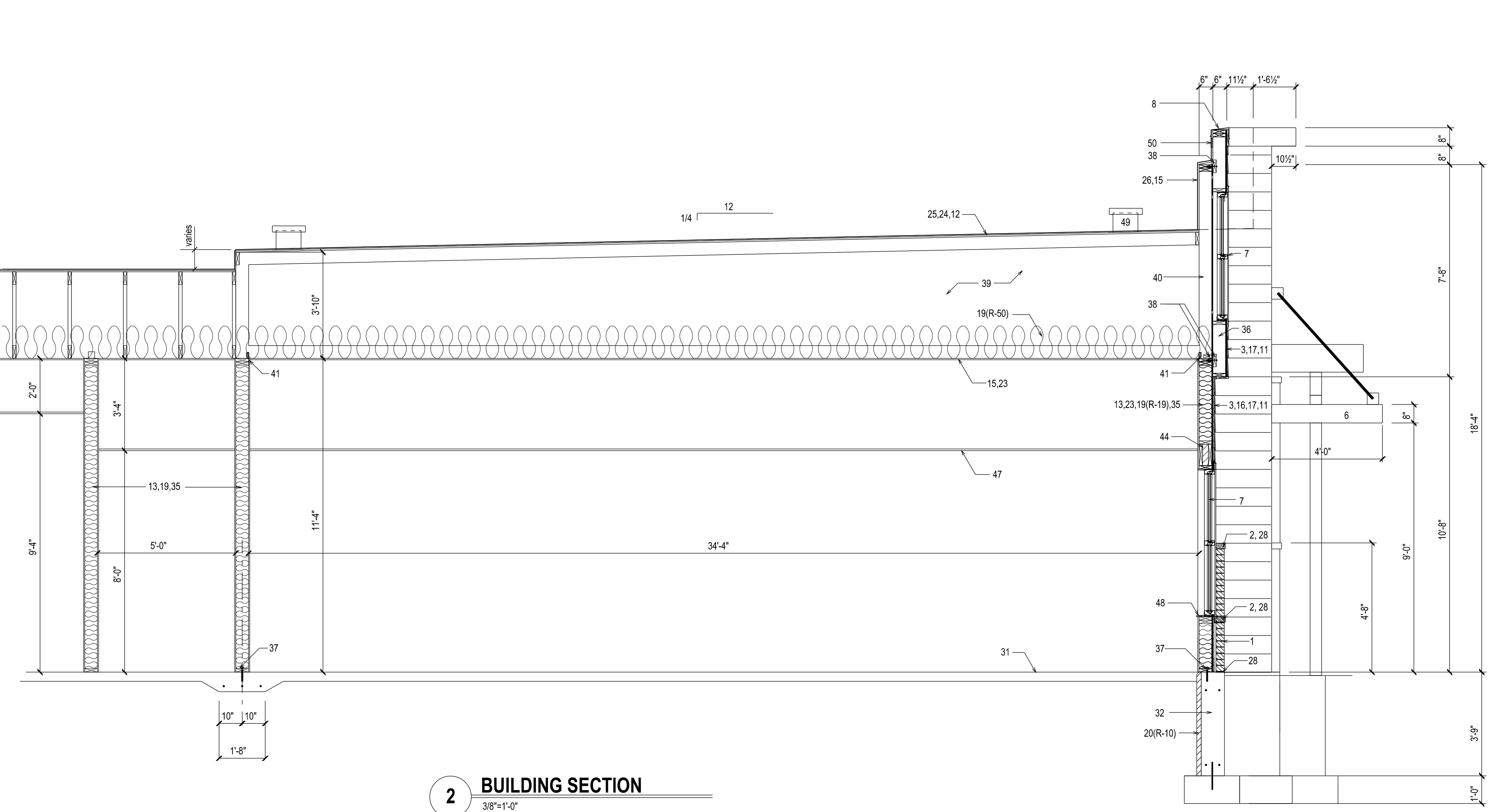
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SUPREME STRUCTURES INCORPORATED	2986 Marketplace Dr, Fitchburg, WI, 53719 phone: 608-224-0777 fax: 608-224-0778 www.supremestructures.com
McCoy ENGINEERING LLC 1925 Tarragon Drive, Madison, WI, 53716-2332 608-467-7455 E-mail: mccoyengineering@charter.net	DRAWN BY: TM APPROVED BY: DATE: 7-29-19 SCALE: As Shown DRAWING NO: T1905 SHEET NO: A-2
PROJECT: Mariposa Daycare Center	
LOCATION: Brassica Drive Fitchburg, WI	
SHEET TITLE: FLOOR PLAN	

WINDOW SCHEDULE										
MARK	NOMINAL SIZE	TYPE	FRAME	OPENING	ROW x ROH	SILL HGT	SILL MAT	JAMB MAT	NOTES	
A	6'-6" x 10'-6"	FG-IG	AL	WS	(nominal size)	2'-0"	SS	DW	1)	
B	2'-8" x 7'-0"	FG-IG	AL	WS	(nominal size)	2'-0"	SS	DW	1)	
C	2'-8" x 5'-4"	FG-IG	AL	WS	(nominal size)	2'-0"	SS	DW	1)	
D	5'-4" x 5'-4"	FG-IG	AL	WS	(nominal size)	2'-0"	SS	DW	1(2)	
E	2'-2" x 4'-8"	FG-IG	AL	WS	(nominal size)	2)	SS	DW	1)	
F	2'-0" x 5'-4"	FG-IG	AL	WS	(nominal size)	2'-0"	SS	DW	1)	
G	2'-2" x 2'-2"	FG-IG	AL	WS	(nominal size)	2)	SS	DW	1)	
H	2'-2" x 1'-8"	FG-IG-SP	AL	WS	(nominal size)	2)	SS	DW	1(3)	
J	6'-8" x 4'-8"	FG-IG	AL	WS	(nominal size)	3'-0"	SS	DW	1)	
K	5'-4" x 4'-8"	FG-IG	AL	WS	(nominal size)	3'-0"	SS	DW	1)	
L	4'-0" x 4'-0"	FG	HM	WS	(nominal size)	3'-0"	---	---	1)	
M	2'-2" x 4'-8"	FG-IG-SP	AL	WS	(nominal size)	2)	---	---	1) 3)	
N	4'-4" x 4'-8"	FG-IG-SP	AL	WS	(nominal size)	2)	---	---	1) 3)	

WINDOW TYPES	FRAME TYPES	OPENING TYPES	SILL & JAMBS
AW = Awning CS = Casement FG = Fixed Glass HP = Hopper SL = Slider IG= Insul glass SP= spandrel glass	AC = Aluminum Clad Wood AL = 4-1/2" Aluminum Framing w/ Thermal Break HM = Hollow Metal VC = Vinyl Clad Wood WC = Wood Cased	SS = Steel Stud Wall MO = Masonry Opening WS = Wood Stud Wall	DW = Drywall Return MK = Masonry Returns PL = Plastic Laminate Sill SS = Solid Surface Sill SW = Solid Wood Sill

WINDOW SCHEDULE NOTES:
1) See Sheet A-4 Elevations for mull configuration and spndrels.
2) See Sheet A-4 Elevations for sill heights.
3) High spandrel windows, see Sheet A-4 Elevations for locations



H. C. RESTROOM CLEARANCES & ACCESSORIES
1/4\"/>

MATERIAL KEY:

- 1 - Brick Veneer
- 2 - Pre-cast Stone Sill
- 3 - Cement Board Siding
- 4 - Nichia Cement panel
- 5 - Pre-finished Metal Panels and Trim
- 6 - Alum Frame Canopy (see shop drawings for details)
- 7 - Alum Thermal-break Framing w/ Insul Solar Glass (unit U= .36 min)
- 8 - Pre-finished Metal Cap Flashing / Fasco
- 9 - Metal Flashing (pre-finished, anodized alum, stainless)
- 10 - Pre-finished Metal Dropbox and Downspout
- 11 - 7/16" APA Rated Sheathing; 8d Nails @ 6" o/c edges, 12" o/c int
- 12 - 5/8" APA Rated Sheathing; 10d Nails @ 6" o/c edges, 12" o/c int
- 13 - 1/2" Gypsum Board
- 14 - 5/8" Gypsum Board
- 15 - 5/8" Dimpled-glass Gypsum Board
- 16 - 1/2" Foamular R-5 Sheathing
- 17 - Tyvek or Membrane Infiltration Barrier
- 18 - Fiberglass insulation in thickness / R as noted
- 19 - Fiberglass Sound Batts all interior walls
- 20 - Rigid Perimeter Insulation in thickness / R as noted
- 21 - Foundation Waterproofing system
- 22 - 4" ABS Foundation Drain w/ filter sock
- 23 - 6 mil poly vapor barrier
- 24 - 1/2" mechanically attached EPDM Backer Board
- 25 - 60 mil EPDM roof membrane fully adhered
- 26 - 60 mil EPDM flashing
- 27 - Tapered EPS foam crickets to drain
- 28 - Metal edge / PVC back flashing & weeps
- 29 - 6" Precast Concrete
- 30 - 2" Structural concrete topping - fibermesh rein
- 31 - 4" Concrete slab on 6" granular base - fibermesh rein
- 32 - Concrete Foundation Wall - see structural dwgs
- 33 - 2x4 @ 16" o/c
- 34 - 2x4 @ 24" o/c
- 35 - 2x6 @ 16" o/c
- 36 - 2x6 @ 24" o/c
- 37 - 2x Treated Wood Plate w/ 1/2" anchor @ 4' o/c & sill seal
- 38 - Wood Blocking as shown
- 39 - Wood Trusses @ 24" o/c
- 40 - Wood Truss Extended 2x6 heel / parapet framing
- 41 - Simpson Hurricane Clip, 1 per truss
- 42 - Simpson Joist hanger
- 43 - Simpson wall / truss bracket
- 44 - Structural Lintel - see structural dwgs
- 45 - Structural Beam - see structural dwgs
- 46 - Structural Column - see structural dwgs
- 47 - Suspended Acoustical Ceiling
- 48 - Solid Surface Sill
- 49 - Roof Attic Vents as required (1/300)
- 50 - concealed space vent/lower

DOOR SCHEDULE										
NO	SIZE	DOOR LEAF	DOOR FRAME	HINGE	LATCH	CLOS	STOP	MISC	NOTES	
1	3070-PR	AL-F-IG	AL-TR	OP	PN-PL	CL		TH-WS-SW		
2	3070-PR	AL-F	AL-TR	OP	PN-PL	CL-SC			1)	
3	3070	AL-F-IG	AL	OP	PN	CL		TH-WS-SW		
4	3070	HM-1/2-IG	HM-4	1 1/2 NRP	LK	CL		TH-WS-SW-LG		
5	3070	HM-1/2-IG	HM-4	1 1/2 NRP	PN-PL	CL		TH-WS-SW		
6	3070	SC-1/2	HM	1 1/2	PS					
7	3070	SC	HM	1 1/2	PS					
8	3070	SC	HM	1 1/2	LK					
9	3070	SC	HM	1 1/2	PP-PL	CL		RR-KP		
10	3070	SC	HM	1 1/2	PR			RR		
11	3070-PR	SC-1/2	HM	1 1/2	PP-PL	CL		KP-DF		
12	3070-PR	SC	HM	1 1/2	PS			HF		
13	3070	SC	HM	FK	DM					
14	3070	HM	HM	1 1/2	LK	CL		TH-WS-SW-LG		
15	3070	---	HM	---	---					

DOOR LEAF TYPES:	DOOR FRAME TYPES:
AC = Accordian Door AL = Aluminum Entrance FP = Folding Partition HC = Hollow Core Wood, Veneer HM = Hollow Metal HMI = Hollow Metal, insul foam core OH = Overhead Sectional Thermacore RA = Roll-up Aluminum Shutter RG = Roll-up Aluminum Grille RS = Roll-up Steel Shutter SC = Solid Core Wood, Birch Veneer SG = Sliding steel exit gate VI = Vinyl Impact	-AS = w/ Attached Astragal -BF = Bi-Fold -BP = Bi-pass Sliding -DD = Dutch Door -F = Full Glass -IG = Insulating Glass -1/2 = One Half Glass -NL = 6" x 30" Narrow-leaf -NL1 = 8" x 48" Narrow-leaf -NL2 = 12" x 12" Centered Vision Panel -PK = Pocket Door -PR = Pair of Doors

HINGES:	LATCHSETS:	CLOSURES:	STOPS:	MISCELLANEOUS HWDE:
[?] = Pairs of 4.5"x4.5" Butts BB = Ball-Bearing BF = Bi-fold Hdw DA = Double Acting NR = Non-removable Pin OP = Offset Pivot T&B PK = Pocket Door Hdw	DB = Thumbturn Dead-bolt DM = Dummy Latch LK = Keyed Latchset PB = Push-Bar PL = Pull Handle PN = Panic Push Bar PP = Push Plate PR = Privacy Latchset PS = Passage Latchset SA = Simplex Alarm Latch	AO = Automatic Operator CL = Universal MTD BC = Universal Mtd w/ Backcheck HO = Universal MTD w/ Holdopen EO = Electric Operator SC = Electric Security Release SB = Smoke/Fire Release -C = Closure Co-ordinator	BS = Base Mounted DF = Surface Mtd Dropfoot CC = Crash Chain CH = Concave Wall Mtd FL = Floor Mtd HF = Head & Foot Bolts (on inactive leaf) WS = Weatherstripping	DG = Door Grille DS = Integral Drop Sweep KS = Kick Plate LG = Latch Guard RR = ADA Restroom Signage SW = Surface Mtd Sweep TH = Threshold VS = Weatherstripping

DOOR SCHEDULE NOTES:
1) Magnetic door release operated by push button at reception counter. Provide override switch at panic hdw.
Provide entry doorbell & intercom to reception counter.

ROOM FINISH SCHEDULE												
AREA / USE		FLOOR			WALLS			WAINSCOTE		CEILING		NOTES
ROOM NAME	MAT	FIN	BASE	N	S	E	W	MAT	HGT	MAT	HGT	
VESTIBULE	CN	CT	CT	GB	GB	GB	GB			GB	9'	2)
LOBBY	CN	VC	VN	GB	GB	GB	GB			S2	9'	
RECEPTION	CN	VC	VN	GB	GB	GB	GB			S2	9'	
STAIR	WD	VC	VN	GB	GB	GB	GB			S2	9'	
HALLWAYS	CN	VC	VN	GB	GB	GB	GB			S2	8'	
FIRST AID	CN	VC	VN	GB	GB	GB	GB			S4	8'	
OFFICE	CN	CR	VN	GB	GB	GB	GB			S2	8'	
LAUNDRY / JAN	CN	VC	VN	GB	GB	GB	GB	FP	4'	GB	11'-4"	
STAFF	CN	VC	VN	GB	GB	GB	GB			S4	8'	
MECHANICAL/ELECT	CN	---	VN	GB	GB	GB	GB			GB	11'-4"	
WOMEN	CN	CT	CT	GB	GB	GB	GB	CT	4'	SV	8'	
MEN	CN	CT	CT	GB	GB	GB	GB	CT	4'	SV	8'	
STORAGE	CN	VC	VN	GB	GB	GB	GB			GB	11'-4"	
KITCHEN	CN	VC	VN	GB	GB	GB	GB			SV	8'	
MULTI-PURPOSE	CN	VC	VN	GB	GB	GB	GB			S2	9'-8"	
INFANT	CN	CR-VC	VN	GB	GB	GB	GB			S4	8'	1)
CRIB	CN	CR	VN	GB	GB	GB	GB			S4	8'	
TODDLER	CN	CR-VC	VN	GB	GB	GB	GB			S4	8'	1)
2 - 2 1/2 YEAR CLASS	CN	CR-VC	VN	GB	GB	GB	GB			S4	8'	1)
2 1/2 - 3 YEAR CLASS	CN	CR-VC	VN	GB	GB	GB	GB			S4	9'	1)
3 - 4 YEAR CLASS	CN	CR-VC	VN	GB	GB	GB	GB			S4	9'	1)
4 - 5 YEAR CLASS	CN	CR-VC	VN	GB	GB	GB	GB			S4	9'	1)
POTTY ROOMS	CN	CT	CT	GB	GB	GB	GB	CT	4'	SV	8'	
BSMT MULTI-PURPOSE	CN	VC	VN	GB	GB	GB	GB			PC-PA	8'-6"	
BSMT STORAGE/MECH	CN	---	VN	GB	CN	CN	GB			PC	8'-6"	
BSMT STORAGE	CN	---	VN	CN	GB	CN	GB			PC	8'-6"	
BSMT UNISEX RR	CN	CT	CT	GB	GB	GB	GB	CT	4'	PC-PA	8'-6"	

ROOM FINISH LEGEND			
BR = Brick CN = Concrete CR = Carpet CT = Ceramic Tile FP = Fiberglass Rein. Plastic Panel GB = Gypsum Bd	GL = Glass LN = Linoleum Sheetgood PA = Painted PC = Precast Concrete QT = Quarry Tile RB = Rubber	RT = Rubber Tile S2 = Suspended Grid Ceiling; 2x2 S4 = Suspended Grid; 2x4 Tile SV = S2 w/ Vinyl Covered GB Tile UN = Unfinished VC = Vinyl Composition Tile	VN = Vinyl WD = Wood WP = Wallpaper [?] = Type # (see specs)

ROOM FINISH NOTES
(?) = Rated enclosure (1,2,3,4-Hour)
1) See plan for VC/CR areas
2) Vestibule w/ recessed knock-off carpet

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INCORPORATED

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phone: 608-224-0777 fax: 608-224-0778
www.supremestructures.com

McCOY ENGINEERING LLC

1925 Tarragon Drive, Madison, WI, 53716-2332
608-467-7455 E-mail: mccooyengineering@charter.net

PROJECT:

LOCATION:

SHEET TITLE:

Mariposa Daycare Center

Brassica Drive
Fitchburg, WI

SCHEDULES &
BUILDING SECTIONS

DRAWN BY:

APPROV BY:

DATE:

SCALE:

DRAWING NO:

SHEET NO:

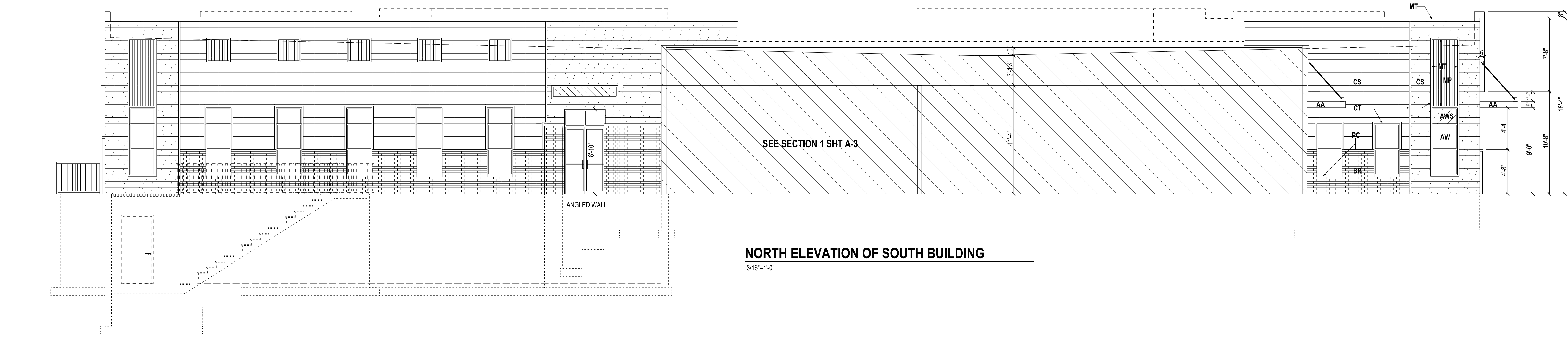
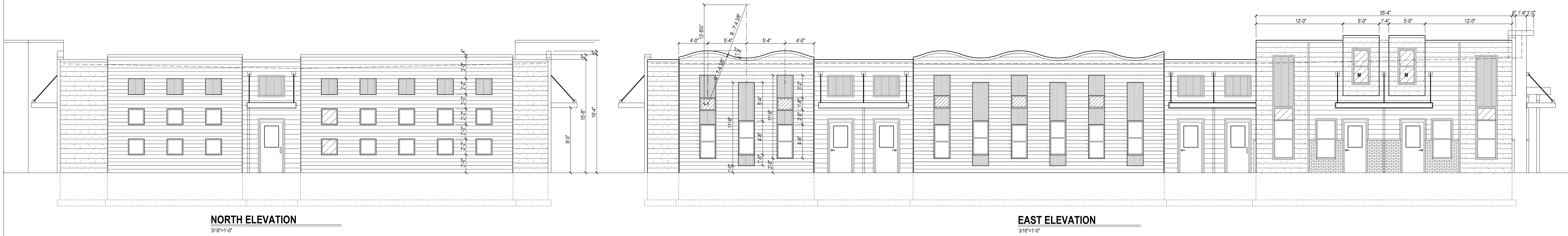
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6-3-19

As Shown

T1905

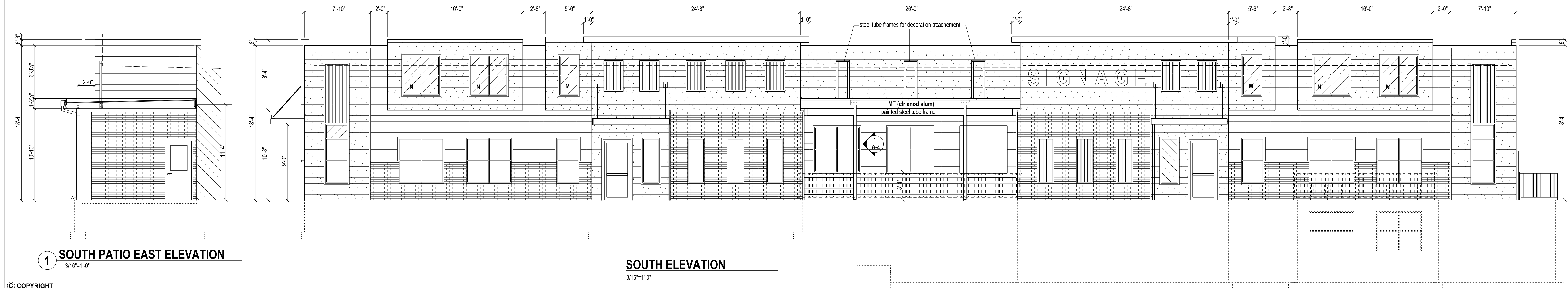
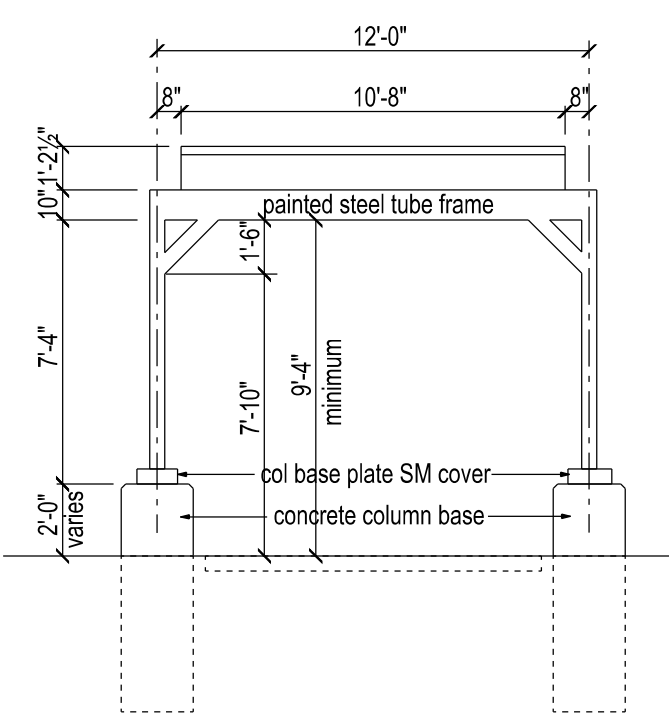
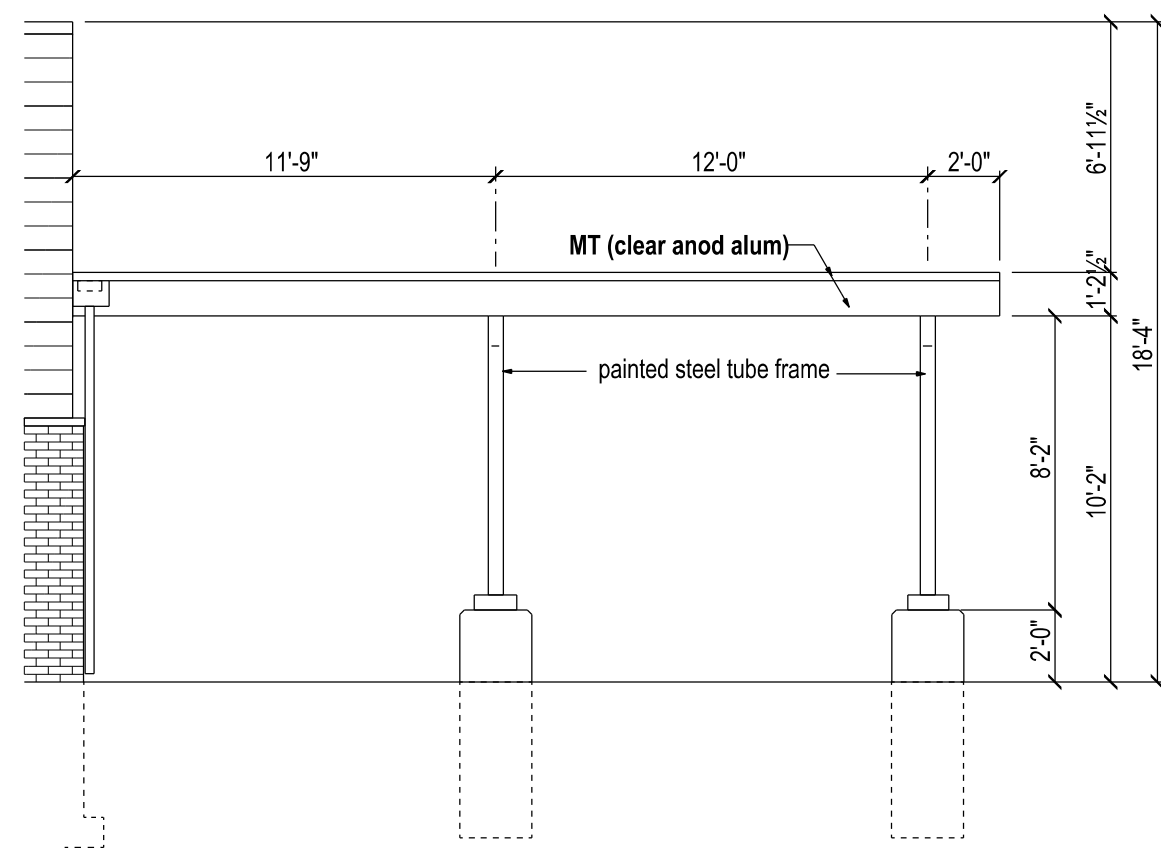
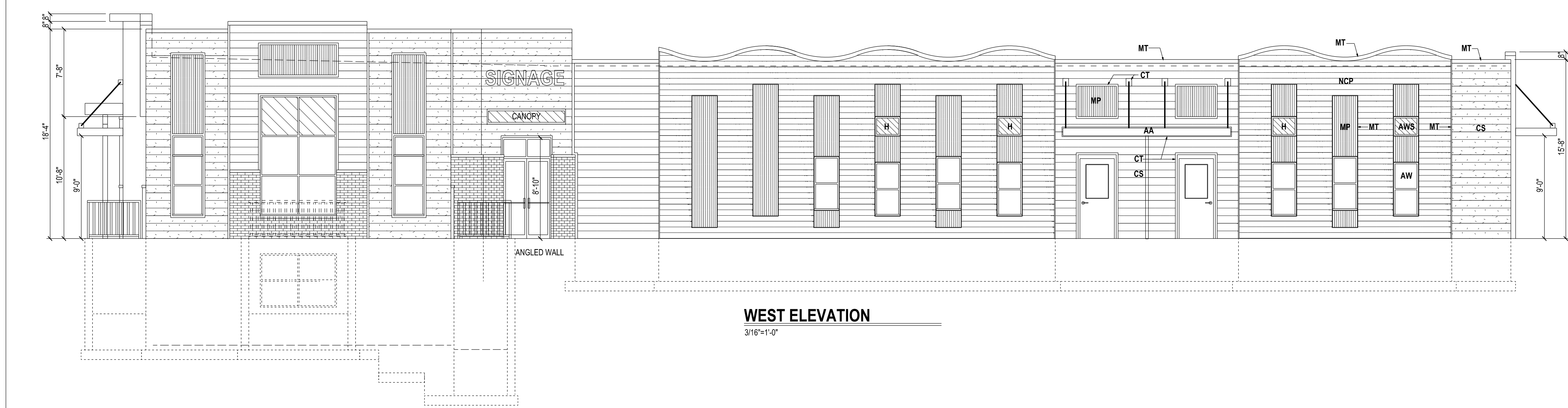
A-3



EXTERIOR MATERIAL SCHEDULE:

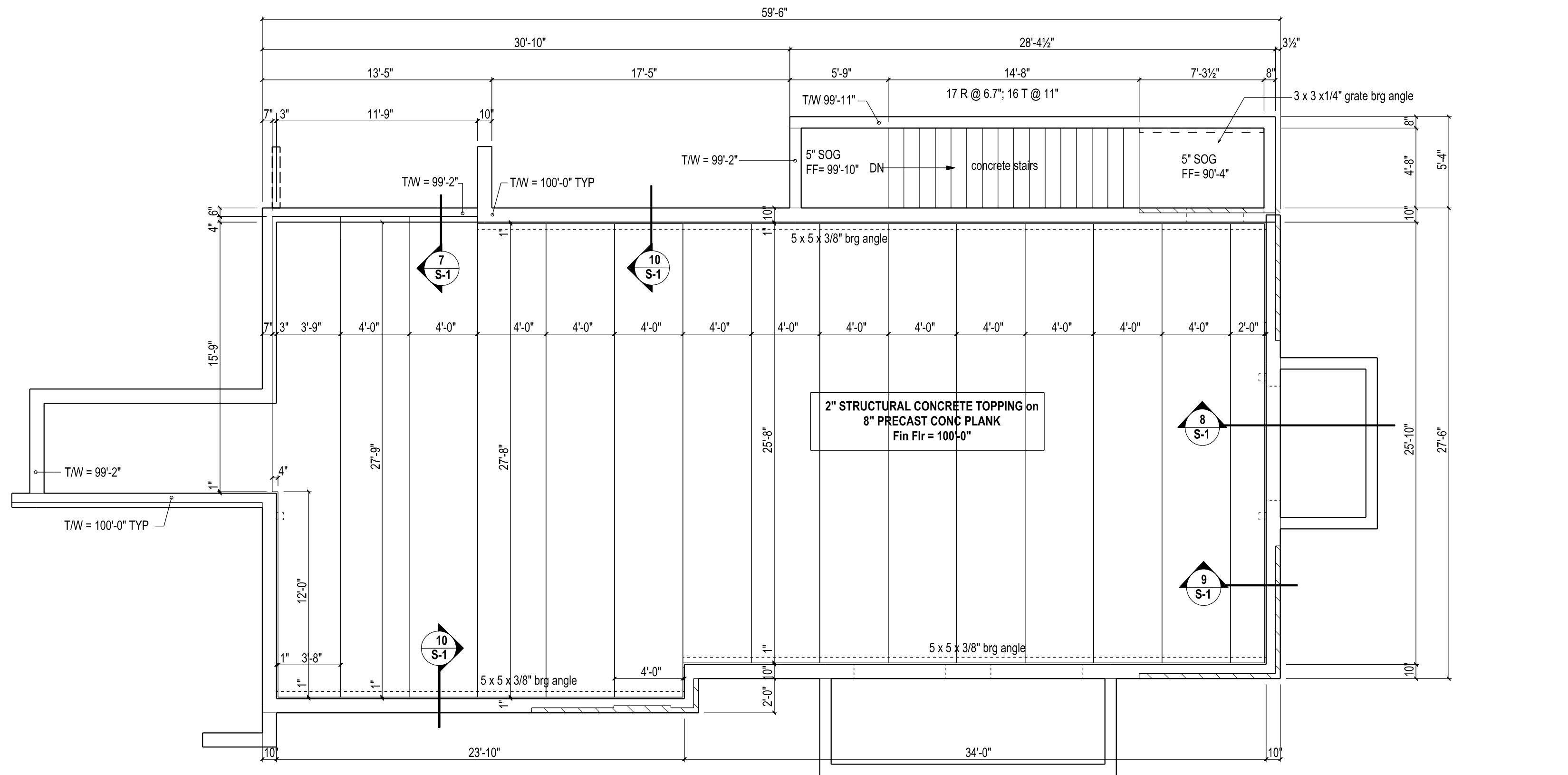
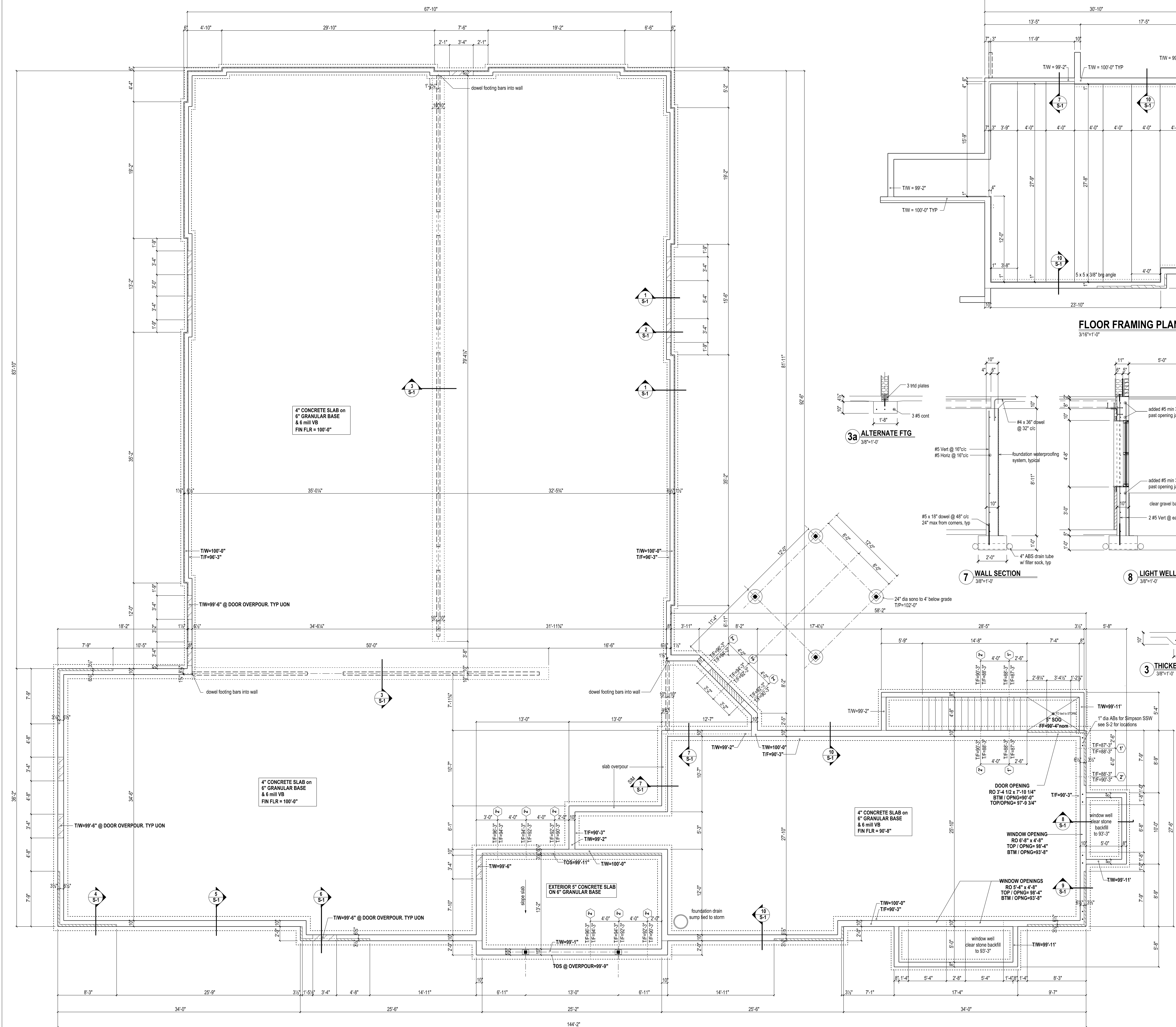
AA	-	Clear Anod Alum perimeter gutter awning w/ colored support hangers
AW	-	Anderson White 100 series Window w/ Insul Glass (NFRG-U=36 max)
AWS	-	AW w/ Spandrel Glass
BR	-	Brick (standard size, light grey)
CS	-	Cement Siding - 8" exposure (blue or grey)
CT	-	Cement Trim Board - 4/4" x 2 1/2" (blue or grey)
MP	-	Metal Panel (blue, grey, or orange/terra cotta)
MT	-	Metal Trim (blue, grey, or orange/terra cotta)
NCP	-	Cement Panel Siding (cedar color wood grain)
PC	-	Precast Stone Sill (standard grey)

ALSO SEE RENDERINGS FOR COLOR SCHEME



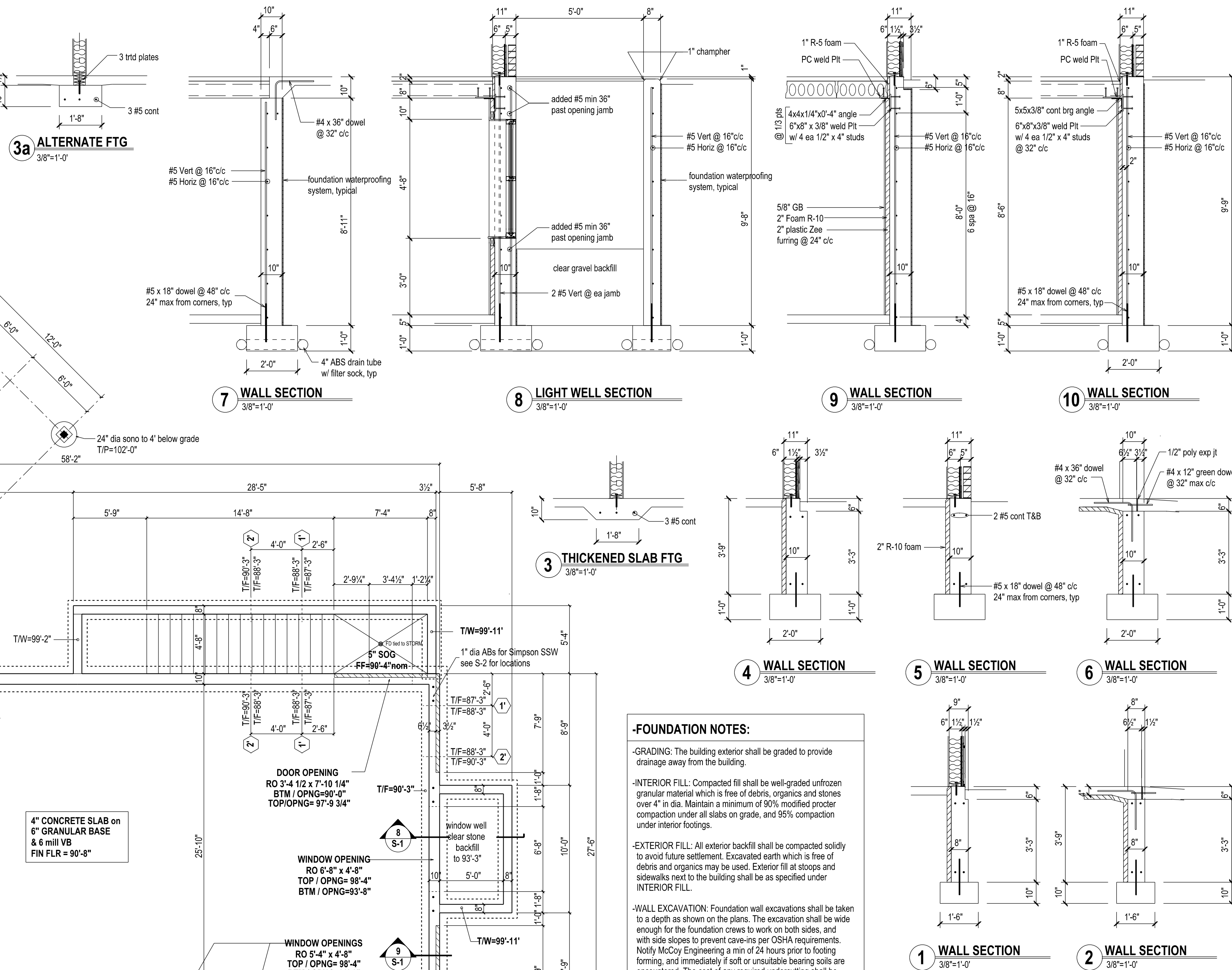
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McCOY ENGINEERING LLC 1926 Tarragon Drive, Madison, WI, 53716-2332 608-467-7455 E-mail: mccoymengineering@charter.net	DRAWN BY: TM APPROVED BY: TM
PROJECT: Mariposa Daycare Center	DATE: 7-29-19
LOCATION: Brassica Drive Fitchburg, WI	SCALE: As Shown
SHEET TITLE: ELEVATIONS	DRAWING NO: T1905
	SHEET NO: A-4



FLOOR FRAMING PLAN

3/16"=1'-0"



-FOUNDATION NOTES:

-GRADING: The building exterior shall be graded to provide drainage away from the building.

-INTERIOR FILL: Compacted fill shall be well-graded unfrozen granular material which is free of debris, organics and stones over 4" in dia. Maintain a minimum of 90% modified proctor compaction under all slabs on grade, and 95% compaction under interior footings.

-EXTERIOR FILL: All exterior backfill shall be compacted solidly to avoid future settlement. Excavated earth which is free of debris and organics may be used. Exterior fill at stairs and sidewalks next to the building shall be as specified under INTERIOR FILL.

-WALL EXCAVATION: Foundation wall excavations shall be taken to a depth as shown on the plans. The excavation shall be wide enough for the foundation crew to work on both sides, and with side slopes to prevent cave-ins per OSHA requirements. Notify McCoy Engineering a min of 24 hours prior to footing forming, and immediately if soft or unstable bearing soils are encountered. The cost of any required underdrilling shall be born by the owner.

-DESIGN SOIL BEARING: Bearing soils are presumed to be silty-sands. Soil bearing capacity is presumed to be 3000 PSF.

-CONCRETE: All concrete shall be redi-mix to meet ASTM C34. Walls and footings shall be 3000 PSI @ 28 days. Interior flatwork shall be 3000 PSI @ 28 days; exterior flatwork shall be 3500 PSI @ 28 days with 6% air entrainment.

-FINISHING AND CURING: Maintain concrete temperatures above 50 degrees for 72 hours. Accelerators may be used with prior approval of McCoy Engineering. Keep wall forms in place for 24 hours prior to stripping. Remove exposed wall ties and patch all honeycombing with a portland-sand mix. All flatwork to receive a cure/hardener sealing compound. Seal trowel interior flatwork to a smooth dense finish. Bloom finish exterior flatwork.

-STEEL PLACEMENT: Steel shall be placed as shown on the plans. Maintain 3" cover next to soil and 2" cover next to forms. Lap bars a min of 30 bar diameters and mesh a minimum of 6". Corner bent bars shall be used.

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FOUNDATION PLAN

3/16"=1'-0"

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		DRAWN BY: TM APPROVED BY: _____ DATE: 6-3-19 SCALE: As Shown DRAWING NO: T1905 SHEET TITLE: FOUNDATION PLAN SHEET NO: S-1	
PROJECT: Mariposa Daycare Center		LOCATION: Brassica Drive Fitchburg, WI	



SS 5 x 10 x 1/4
SS 5 x 5 x 1/4
ply 2x6 stud
ply 2x6 stud
ea 10" MLVL box beam, 2 shldr studs & 2 king studs
ea 2x12 box beam, 2 shldr studs & 2 king studs, openings > 5' < 7'
ea 2x10 box beam, 1 shldr studs & 2 king studs, openings > 3' < 5'
ea 2x8 box beam, 1 shldr stud & 1 king stud, openings < 3'

TRUSS BEARING ELEV = 11'-4"
TYPICAL ALL AROUND

STRUCTURAL NOTES

WIDE-FLANGE, ANGLES, PLATES, CHANNELS, TEES: ASTM
A36 $F_y=36$ ksi U.O.N.

TUBE STEEL: ASTM A500 Grade B $F_y=46$ ksi.

PIPE STEEL: ASTM A53 Grade B Std. Wt. $F_y=35\text{ks}$

STEEL SHOP-PAINTING: One coat red-oxide, U.O.N

STRUCTURAL WELDS: To be performed by certified welders in accordance with AWS Specs. Field welds to be SMAW with all slag removed and spot primed to match base finish.

STRUCTURAL BOLTS: Anchor bolts to be ASTM A36 rod, machine threaded. All other bolts to be ASTM A325-N U.O.N. Bolts to be tightened by the turn of the nut method.

PRE-CAST CONCRETE: Designed and erected in accordance with PCA specifications. Keyways to be fully grouted. Concrete toppings shall be considered non-structural U.O.N.

MASONRY: All masonry to be erected in accordance with ACI and W/D/Comm specifications. Load bearing masonry to have a min $F_m=1500$ psi. Grout shall be a min $f_c=2500$ psi

WOOD TRUSSES: Designed and erected in accordance with TPI NF&PA-NDS, OSHA, and W/D/Comm specifications.

STRUCTURAL WOOD MEMBERS: Wood framing members shall be as follows: 2x4 & 2x6 - #2 SPF; 2x8 & 2x10 - #2 HF; 2x12 - #2 DF. Members designated as MLVL (micro-lams) or TJI shall be as mfg by Trus-Joist-MacMillan or an approved equal.

STRUCTURAL SHOP DRAWINGS: All structural shop drawings shall be submitted to McCoy Engineering for design concept review prior to installation, and as required by W/D/Comm.

DESIGN LOADS:

Building Importance Category: II

LIVE LOADS:
Floor Live Load= 100 psf
Floor Dead Load= slab-on-grade
Floor Dead Load @ Precast = 88 psf

SNOW LOADS:
Ground Snow Load= 30 psf
Snow Exposure Category: B, partial exp, Ce=1
Snow Importance Factor= 1
Roof Thermal Factor Ct = 1.1
Flat Roof Snow Load = 24 psf
Roof Dead Load= 24 psf (12 psf TC, 12 psf BC)

WIND LOADS:

Basic Wind Speed= 90 mph
Wind Importance Factor= 1
Wind Exposure Category: B
Wind Loads : MVFRS:

	End Zone	Int. Zone
Windward Walls:	11.5 psf	7.6 psf
Windward Roof:	5.9	3.5
Overhangs:	19.3	

SEISMIC LOADS:
Seismic Use Group: I
Seismic Site Class: C
Seismic Design Category: A
Seismic Resistance System: MWFRS

FOR PRICING ONLY



McCOY
ENGINEERING LLC
1925 Tarragon Drive, Madison, WI, 53716-2331
608-467-7455 E-mail: mccoyengineering@charter.net

PROJECT: Mariposa Daycare Center

LOCATION: Brassica Drive
Fitchburg, WI

DRAWN BY:

TME

APPRVD BY:

6.3.19

SCALE:

DRAWING NO.

T1905

SHEET NO:

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ROOF FRAMING PLAN

$$3/16'' = 1'-0''$$

MARIPOSA DAYCARE
PARKING LOT LIGHTING
FITCHBURG, WI
June 27, 2019

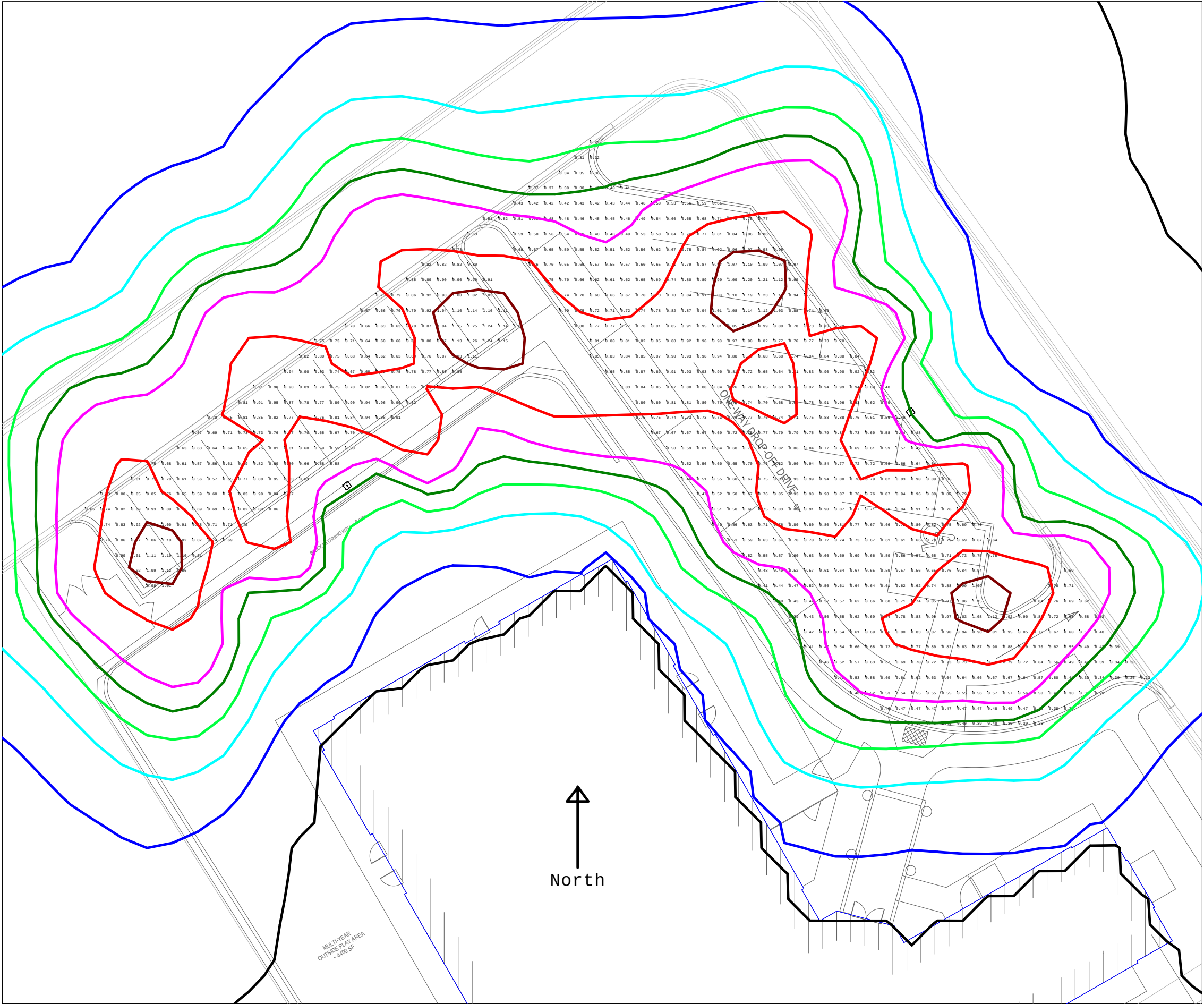
- Assumptions:
- 20 ft Mounting Height
 - Kim Lighting, Entablature Large PicoPrism LED
 - Type II Distribution, 4K Color Temperature

Luminaire Schedule				
Qty	Label	Product #	LLF	Lumens
2	et2p35-80l4k	ET2P35-80L4K - Kim Lighting	0.850	8686

Illumination Calculation Summary					
Label	Units	Avg	Max	Min	Max/Min
Parking	Fc	0.73	1.26	0.23	5.48

Isoline Legend

Value (Fc)	Color	Value (Fc)	Color	Value (Fc)	Color
0.01		0.4		1.5	
0.1		0.5		2	
0.2		0.75			
0.3		1			



JOB _____ TYPE _____

NOTES _____ APPROVALS _____

FEATURES

- Full Cutoff PicoPrism technology
- Patented low profile luminaire¹
- Available in 580nm, 3000K, 4000K and 5000K standard CCT
- Type 1, 2, 3, 4, 5, R, L distributions
- 0-10V dimming drivers standard
- Sealed optical chamber, IP66 certified

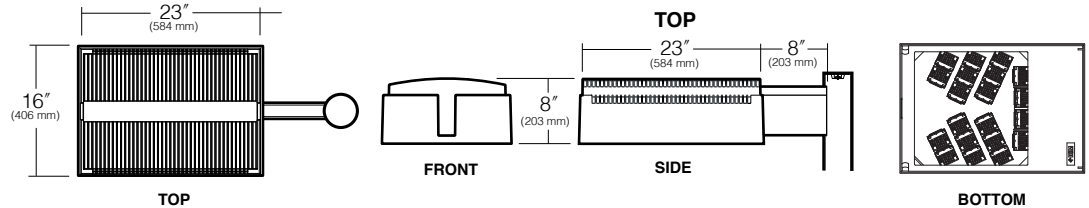
Certifications



SPECIFICATIONS



Max. Weight = 45 lbs. EPA 1.8 for 1A.
See Configuration for Additional EPAs.



ORDERING CODE

1A	ET	2	P35	80L	4K	120		
Configuration	EPA	Fixture	Electrical Module	Fixture Finish	Photocell Options			
1A 1 Arm Side Mt.	1.8	Housing	Source	BL Black	A25-7 7-pin Photocell Receptacle			
2B 2 Arm Side Mt.	3.6	Distribution	Color Temperature ²	DB Dark Bronze	A30 120V Button Photocell			
2L 2 Arm Side Mt.	2.6	Drive Current	Voltages	GT Graphite	A31 208V Button Photocell			
3T 3 Arm Side Mt.	4.1	ET Large, 80 LEDs	120 120V ¹	LG Light Gray	A32 240V Button Photocell			
3Y* 3 Arm Side Mt.	4.1	94W (350mA)	208 208V ¹	PS Platinum Silver	A33 277V Button Photocell			
4C 4 Arm Side Mt.	4.7	188W(700mA)	240 240V ¹	TT Titanium	A34 480V Button Photocell			
1W Single Wall Mt.	n/a	1 Type I	277 277V ¹	WH White	A35 347V Button Photocell			
HSF Horizontal Slip-fitter Mount	n/a	2 Type II	347 347V ⁴	CC Custom Color*				
		3 Type III	480 480V ⁴					
		4 Type IV						
		5 Type V						
		R Type R, Right						
		L Type L, Left						

*Available round poles only. EPA is for Fixture only

Fusing	Lens Options	NFO Option	Optional Entablatures	Controls	Mounting Options
SF 120, 277, 347 Line Volts	LS Polycarbonate Lens ⁵	NFO Neighbor Friendly Optic. Photometry available for Type III/IV. All others, consult factory.	A1 Arch	Wireless	VSF Vertical Slipfitter Mount for 2" pipe tenon, (2-3/8" O.D.)
DF 208, 240, 480 Line Volts			A2 Broken Arch	WIR-RMI-IO 120-480V, 1000' range, wiSCAPE RF control system with on/off/dim, alerts, monitoring and metering capabilities	Side Arm Mount 3 3" O.D. Pole
			A3 Stepped Arch	Motion	SVSF Vertical Slipfitter Mount square for 2" pipe tenon, (2-3/8" O.D.)
			A4 Stepped Brock Arch	SCL-R Round Pole Mounted Occupancy Sensor up to 16'	3.5 3.5" O.D. Pole
			A5 Standard Entablature	SCL-S Square Pole Mounted Occupancy Sensor up to 16'	4 4" O.D. Pole
			P6 Peak	SCH-R Round Pole Mounted Occupancy Sensor 16' to 30'	5 5" O.D. Pole
			P7 Broken Peak	SCH-S Square Pole Mounted Occupancy Sensor 16' to 30'	6 6" O.D. Pole
			P8 Stepped Peak		SQ Square Pole
			P9 Stepped Broken Peak		
			P10 Stepped		

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For Pole Spec Select: http://www.kimlighting.com/products/arms_and_poles/
For Control Spec Select: <http://trpsl.com/index.html>

¹ US Patent No. D568,521 S. Other patents pending.
² For custom optics and color temperature configurations, contact factory.
³ Turtle friendly. Maximum 500mA drive current for 2K amber option.
⁴ 347V & 480V currents may be supplied with step-down transformer.
⁵ Use only when vandalism is anticipated to be high. Required only for vandal protection in locations where fixtures can be reached by unauthorized persons.
⁶ Not available with other sensor or wireless control options.
⁷ Specify group and zone at time of order. See www.hubbelllighting.com/sitesync for more details. Order at least one SiteSync interface accessory SWUSB or SWTAB. Each option contains SiteSync License, GUI, and Bridge Node.

Kim Lighting reserves the right to change specifications without notice.



SiteSync Lighting Control is available from our most popular brands in a broad range of award-winning product families.

[†] When ordering with SiteSync, one of the following interface options must be chosen and ordered separately. Each option contains the SiteSync License, GUI and Bridge Node.

Control Accessories
SW7PR ^{6,7} Site Sync with 7 pin PCR
SWUSB [†] SiteSync Software on USB
SWTAB [†] SiteSync Windows® Tablet
SWBRG [†] SiteSync Wireless Bridge Node
WIR-RME-L wiSCAPE 7-pin Module
NXOFM-1R1D-UNV NX 7-pin Module

Spectroradiometric			
	3000K Average	4000K Average	5000K Average
Color Rendering Index (CRI)	≥75	≥70	≥65
Power Factor	>.90	>.90	>.90

Projected Lumen Maintenance		
mA	50,000 hrs	100,000 hrs
350 mA	96.58%	94.30%
700 mA	91.99%	86.88%

Electrical Drive Current					
350mA			700mA		
Volts - AC	Amps - AC	System Watts	Volts - AC	Amps - AC	System Watts
120	0.78	94	120	1.57	188
208	0.45	94	208	0.90	188
240	0.39	94	240	0.78	188
277	0.34	94	277	0.68	188
347	0.27	94	347	0.54	188
480	0.20	94	480	0.39	188

B.U.G. Rating for 350mA (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare								
Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	B4 U0 G4	B3 U0 G3	B3 U0 G3	B2 U0 G2	B1 U0 G3	B0 U0 G3	B4 U0 G3	B3 U0 G3
4000K	B4 U0 G4	B3 U0 G3	B3 U0 G3	B2 U0 G2	B1 U0 G3	B0 U0 G3	B4 U0 G3	B3 U0 G3
5000K	B4 U0 G4	B3 U0 G3	B3 U0 G3	B2 U0 G2	B1 U0 G3	B0 U0 G3	B4 U0 G3	B3 U0 G3

Absolute Lumens for 350mA								
Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	10223	10144	10048	8772	10013	9045	10285	10024
4000K	10485	10404	10306	8996	10270	9277	10548	10281
5000K	10605	10523	10424	9099	10387	9383	10669	10398

B.U.G. Rating for 700mA (TM15) in Lumens where B = Backlight, U = Uplight, G = Glare								
Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	B5 U0 G5	B4 U0 G4	B3 U0 G4	B3 U0 G4	B1 U0 G4	B0 U0 G4	B4 U0 G3	B4 U0 G4
4000K	B5 U0 G5	B4 U0 G4	B3 U0 G4	B3 U0 G4	B1 U0 G4	B0 U0 G4	B4 U0 G3	B4 U0 G4
5000K	B5 U0 G5	B4 U0 G4	B3 U0 G4	B3 U0 G4	B1 U0 G4	B0 U0 G4	B5 U0 G3	B4 U0 G4

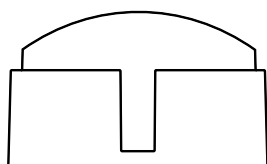
Absolute Lumens for 700mA								
Temperature	Type I	Type II	Type III	Type III NFO	Type IV	Type IV NFO	Type V	Type L/R
3000K	18085	17946	18764	16687	17731	16060	18972	17539
4000K	18549	18405	19245	17114	18185	16472	19458	17988
5000K	18761	18616	19465	17310	18393	16660	19680	18194

LED performance and lumen output continues to improve at a rapid pace. Log onto www.kimlighting.com to download the most current photometric files from Kim Lighting's IES File Library. For custom optics and color temperature configurations, contact factory.

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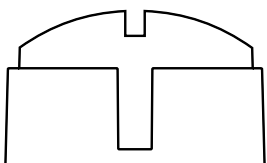
Optional Entablatures (Entabs)

Arched Entablatures



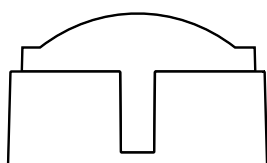
Arch

Cat. No. **A1**



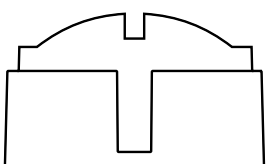
Broken Arch

Cat. No. **A2**



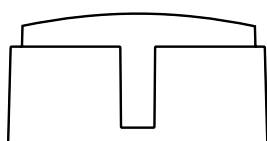
Stepped Arch

Cat. No. **A3**



Stepped Broken Arch

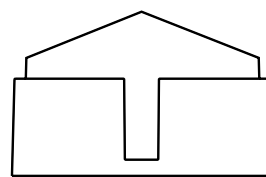
Cat. No. **A4**



Standard Entablature
Follows fixture body profile

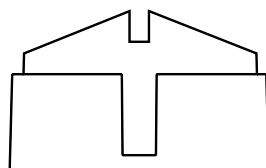
Cat. No. **A5**

Peaked Entablatures



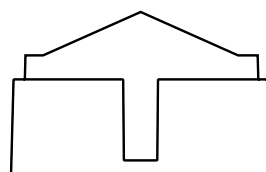
Peak

Cat. No. **P6**



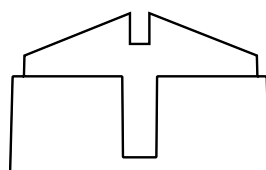
Broken Peak

Cat. No. **P7**



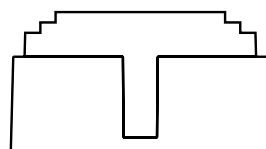
Stepped Peak

Cat. No. **P8**



Stepped Broken Peak

Cat. No. **P9**



Stepped

Cat. No. **P10**

Specify Entablature and color.
Example: [A2/LG]

Entablature Specifications: Stamped from .090 aluminum sheet, mechanically attached to front and back of housing with no visible fasteners. For custom colors and/or custom Entablatures, consult your Kim representative. See page 1 for dimensions.

SPECIFICATIONS

Housing:

- Extruded low copper aluminum main body.
- Die-cast low copper aluminum electrical gear compartment.
- Stainless steel hardware.
- Die cast wall separates the optical and electrical compartment acting as thermal barrier.
- Electrical gear compartment doors are fastened with two hinges and a latch made of stainless steel.
- Silicone gaskets seal the compartments at the barrier surface.

Optical Module:

- PicoPrism® refractors (enclosed LED PCBs for IP66 rating) aimed toward the task and spreads horizontally to produce great uniformity.
- Type I, II, III, IV, V, L (left), and R (right) standard distributions. Custom available.
- 3000K, 4000K, 5000K standard CCT. Amber and custom available.
- IP66 certified.
- Die-cast, low copper aluminum heat sink modules provide thermal transfer at PCB level.
- Anodized aluminum carrier plate and heat sink modules.

Lens Frame:

- One-piece low copper aluminum alloy die-cast is secured to housing with two toolless latches.

Neighbor Friendly Optic

- Optional integrated Neighbor Friendly Optic on each LED module to completely control unwanted backlight. Most effective with Type III and IV distributions.

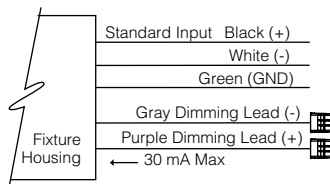
Electrical Characteristics:

- Pre-assembled, aluminum gear tray.
- 120V through 480V @ 50/60Hz.
- Class 2, 350mA or 700mA
- Power Factor = >.90
- National Electrical Code, ANSI/NFPA 70.
- 10kV surge suppression.
- Thermal shield thermal control.
- -30c starting driver.

- 0-10V dimming interface.
- All electronic components are IP66 rated.
- Electronic components are UL and/or CSA recognized.
- Standard programmable driver for variable drive current settings from 350mA to 700mA.

Dimming:

- 10% to 100% dimming using standard 0-10V interface driver.
- To activate the dimming system, a wiring harness is supplied and attached to the DIM Port (DIM IN) on the thermal shield protection system. This port allows the 0-10V Interface to bypass the thermal shield and control the driver.
- The thermal shield works in conjunction with the control system to assure that overheating will not harm the LEDs.
- The wiring harness is connected with the use of the Purple lead as the positive (+) and the Grey lead as the negative (-) to an available control signal (by others).



Support Arm:

- Speed Mount and a reinforcing plate are provided with wire strain relief.
- Speed Mount is square or circular cut for specified pole size and shape.
- Die-cast, low copper aluminum support arm for direct pole mount.
- Die-cast aluminum tool-less entry splice access cover.
- Terminal block is mounted in the arm cavity and accepts #14 to #8 wire sizes.
- Prewired to electrical module with quick-disconnect plugs located inside the electrical compartment.
- Optional cast, low copper aluminum horizontal slip-fitter with adaptor plate to secure the luminaire to 1-1/4" to 2" IPS pipe size arms.
- Optional cast aluminum wall mount plate assembly. Attaches to the wall over the junction box. Luminaire attaches to the wall plate with a square cut Speed Mount.

Finish:

- Fade and abrasion resistant, electrostatically applied, thermally cured, triglycidal isocyanurate (TGIC) polyester powdercoat.
- Standard colors include (BL) Black, (DB) Dark Bronze, (GT) Graphite, (WH) White, (PS) Platinum Silver, (LG) Light Gray, (TT) Titanium, and (CC) Custom Color (Include RAL#).

Fusing:

SF for 120, 277 and 347 Line Volts

DF for 208, 240 and 480 Line Volts.

- High temperature fuse holders factory installed inside the fixture housing. Fuse is included.

Certifications and Listings:

- UL 1598 Standard for wet locations for Luminaires.
- UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products.
- IP66 certified.
- CSA C22.2#250.0 Luminaires.
- ANSI C136.31-2010 3G Vibration tested and compliant.
- RoHS compliant.
- IDA approved, 3000K and warmer CCTs only.

CAUTION:

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

WARRANTY:

- For full warranty see <http://www.hubbellighting.com/resources/warranty>

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CONTROLS

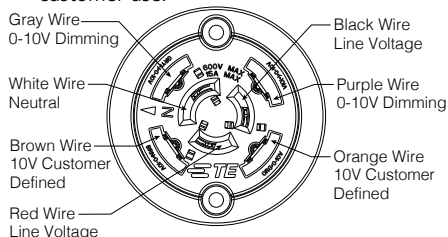
Photocell Receptacle

A25-7

Fully gasketed and wired 7-pin receptacle option. Easy access location above the electrical compartment. 7-pin construction allows for a user-defined interface and provides a controlled definition of operational performance. ANSI twist-lock control module by-others.

Standard customer operation modes:

1. Traditional on/off photoelectric control.
2. 5-pin wireless photoelectric control for added dimming feature.
3. 7-pin wireless photoelectric control for dimming and additional I/O connections for customer use.



Button Photocell

A30 for 120V, **A31** for 208V, **A32** for 240V, **A33** for 277V, **A35** for 347V, **A34** for 480V, Photocell is factory installed inside the housing with a fully gasketed sensor on the side wall. For multiple fixture mountings, one fixture is supplied with a photocell to operate the others.

Wireless Controls

wiSCAPE™

Hubbell Control Solution's wiSCAPE™ wireless control modules allow an individual fixture to be managed, monitored and measured. The modules communicate securely over a robust certified meshed radio signal. The wiSCAPE modules provide on/off/dim control, external device input, alerts and metering.

WIR-RMI-IO

wiSCAPE Internal Module, 120-480V, 1000ft range (LOS), 3 Digital Inputs/1 Analog Input, 2 Outputs.

WIR-RME-L

wiSCAPE External Module, 120-480V, 1000ft range (LOS), Internal Photocell, 1 Digital Input, Compatible with the A-25-7H option

SiteSync™¹

SiteSync™ wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit www.hubbelllighting.com/products/sitesync for more details.

Pole Mounted

Round Pole-Mounted Occupancy Sensor up to 16'

SCL-R

Round Pole-Mounted Occupancy Sensor up to 16' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for round pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCL-R4⁴/277²/BL³

Square Pole-Mounted Occupancy Sensor up to 16'

SCL-S

Square Pole-Mounted Occupancy Sensor up to 16' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for square pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCL-L/277²/BL³

Round Pole-Mounted Occupancy Sensor 16' to 30'

SCH-R

Round Pole-Mounted Occupancy Sensor: 16' to 30' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for round pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCH-R4⁴/277²/BL³

Square Pole-Mounted Occupancy Sensor 16' to 30'

SCH-S

Square Pole-Mounted Occupancy Sensor: 16 to 30' - an outdoor occupancy sensor with 0-10V interface dimming control that mounts directly to the pole. Wide 360° pattern. Module colors are available in Black, Gray, and White. Module is cut for round pole mounting. Pole diameter is needed upon order. Poles to be drilled in the field will be provided with installation instructions.

Ordering Example: SCH-S/277²/BL³

SCP

The SCP is a photo-control with motion sensing accessory that mounts to the side of any new or existing 3"-5" round or square straight pole. The SCP enables any pole mounted luminaire in excess of 75 watts, to meet California Title 24 requirements with integral 20KV/10KA surge protection for added reliability and serviceability.

For more detail:

http://www.aal.net/products/sensor_control_programmable

¹PRECOMMISSIONED SITESYNC ORDERING INFORMATION: When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group information, and Operating schedules. For more detailed information please visit www.HubbellLighting.com/products/sitesync or contact Hubbell Lighting tech support at (800) 345-4928.

SiteSync fixtures with occupancy sensor (SWPM) require the mounting height of the fixture for selection of the lens.

Examples:

SiteSync only : ALT3/P70/60L/3KUV/PS/US/SWP

SiteSync with Motion Control: ALT3/P70/60L/3KUV/PS/US/SWPM-20F

MOB ORDERING INFORMATION: When ordering a fixture with a dimming occupancy sensor option (MOB), please specify the appropriate information. These settings are specified in the ordering as shown in the example below.

ALT3/P70/60L/3KUV/PS/US/MOB - 1 to 30 min - 33% or 50% - ?? / DBT
High to Dim Delay Low Level Mounting Height (ft.)

²Voltage, ³Color, ⁴Pole Diameter

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