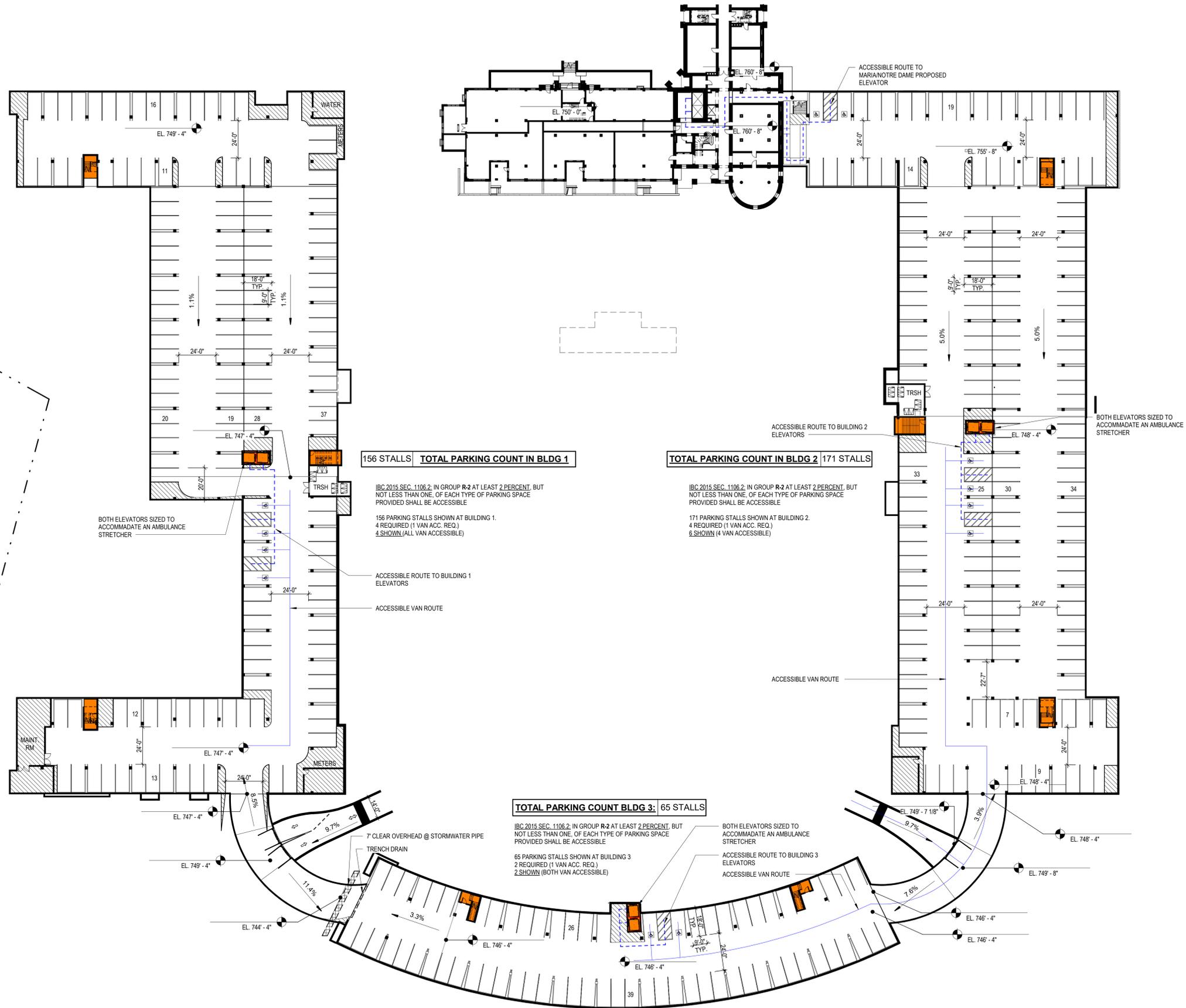
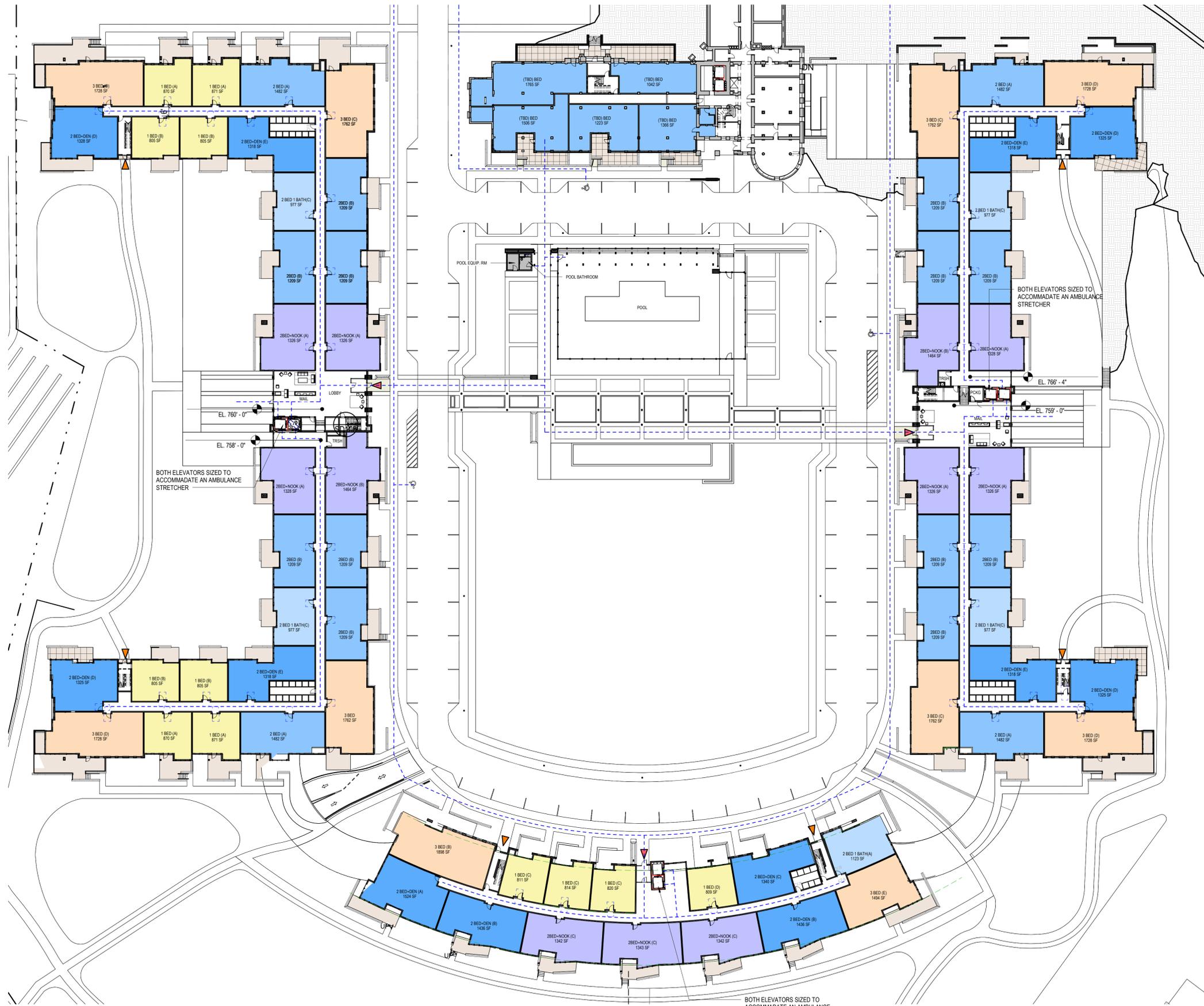




SCALE: 1" = 100'-0"



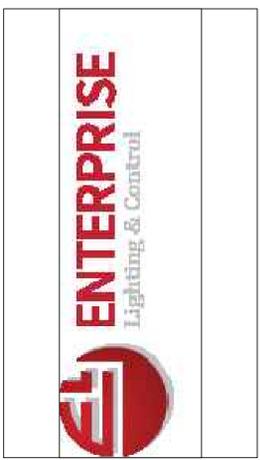
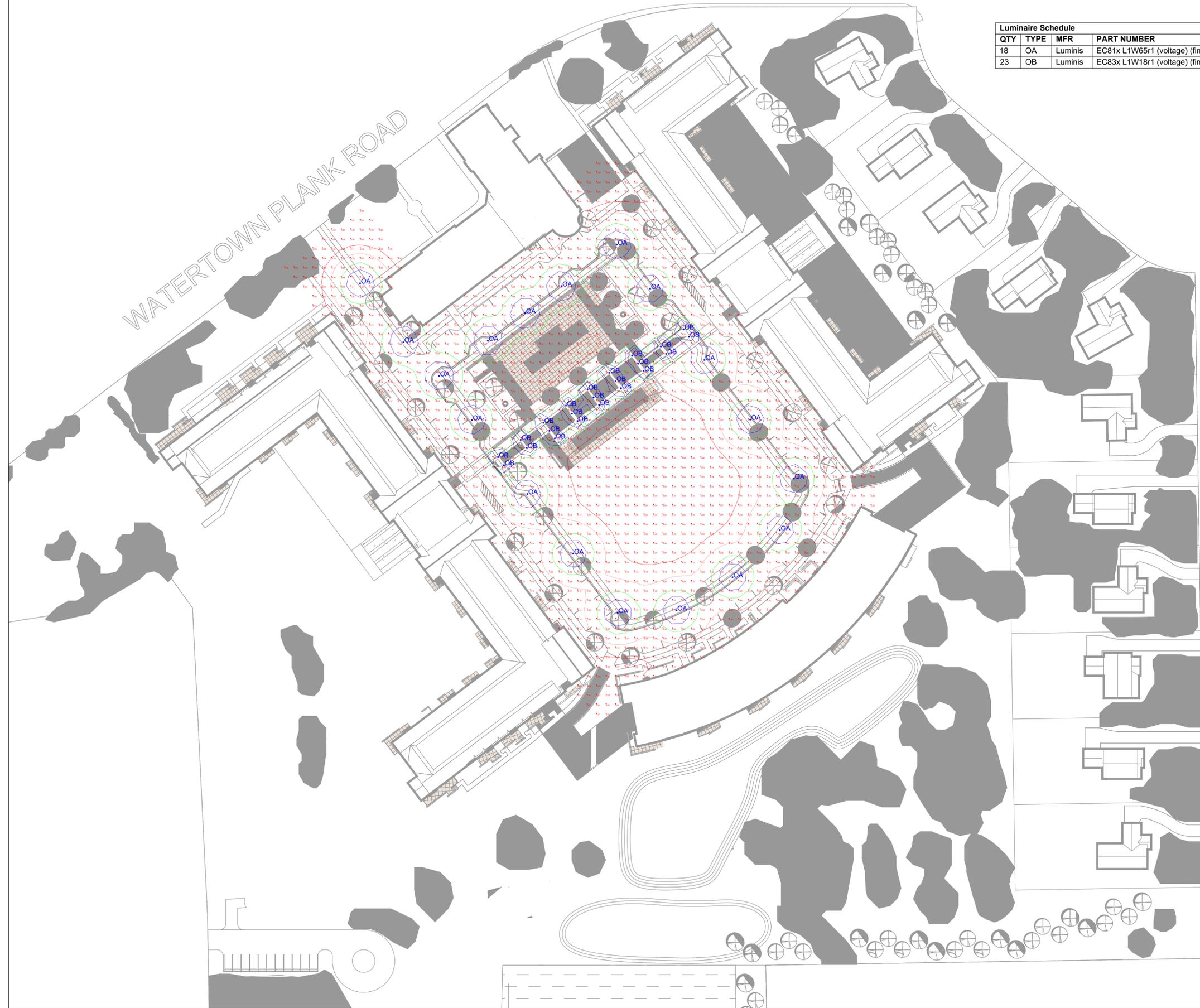


JUNEAU BLVD

WATERTOWN PLANK ROAD

RED BARN LANE

Luminaire Schedule						
QTY	TYPE	MFR	PART NUMBER	LLF	Lum. Watts	Total Watts
18	OA	Luminis	EC81x L1W65r1 (voltage) (finish) + PAA414	0.950	48	864
23	OB	Luminis	EC83x L1W18r1 (voltage) (finish)	0.950	22	506



#	DATE	COMMENTS

REVISIONS		

SCHOOL SISTERS OF NOTRE DAME	DRAWN BY: JS
ELM GROVE, WI	DATE: 12 / 17 / 2020
LED SITE LIGHTING PLAN	SCALE: 1" = 50'-0"



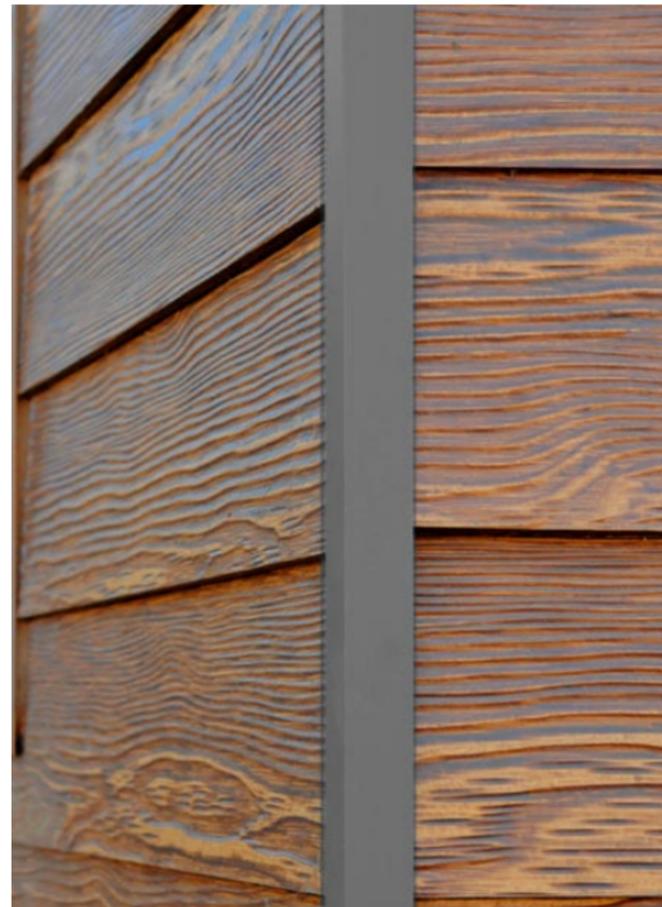
FIBER CEMENT LAP SIDING - JAMES HARDIE ASPYRE - ARTISAN LAP SIDING
PAINTED FINISH - BENJAMIN MOORE CLOUD COVER (TRIM PAINTED TO MATCH)



NATURAL STONE - HALQUIST PRINCETON



ASPHALT SHINGLES - CETAINTEED LANDMARK
WEATHERED WOOD



WOOD LOOK COMPOSITE SIDING -
WOODTONE RUSTICSERIES LAP SIDING
COLOR - OLD CHERRY (TRIM TO MATCH)



ANDERSON 100 SERIES WINDOWS
BLACK EXTERIOR FINISH



UNIT BALCONY DECKING - EXTRUDED
ALUMINUM DECK, PAINTED WOOD TONE TOP
AND BOTTOM

UNIT PATIO MATERIAL - STAINED AND SCORED
CONCRETE

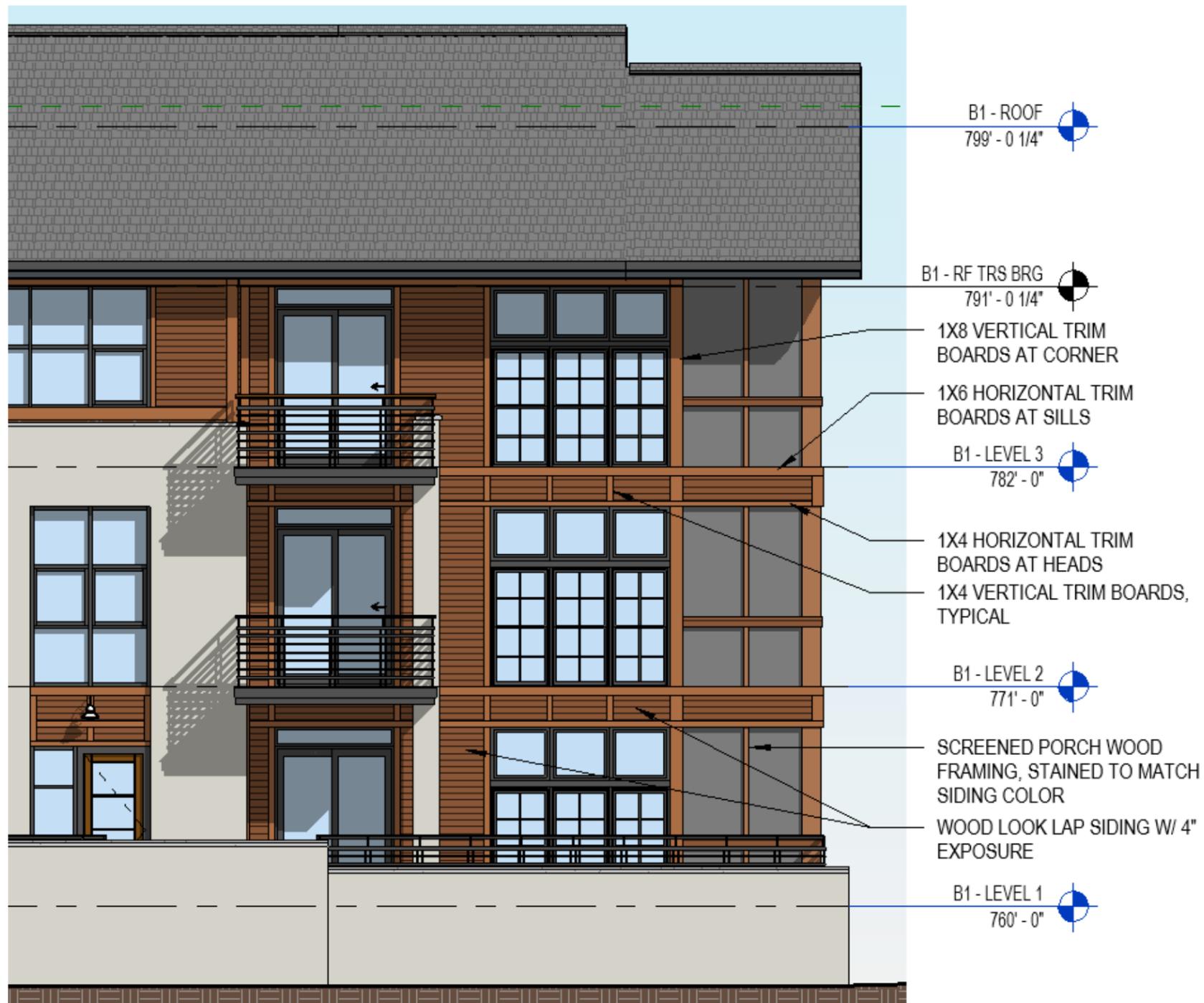


POOL FENCE - KEY-LINK COMMERCIAL SERIES FENCING -
BLACK

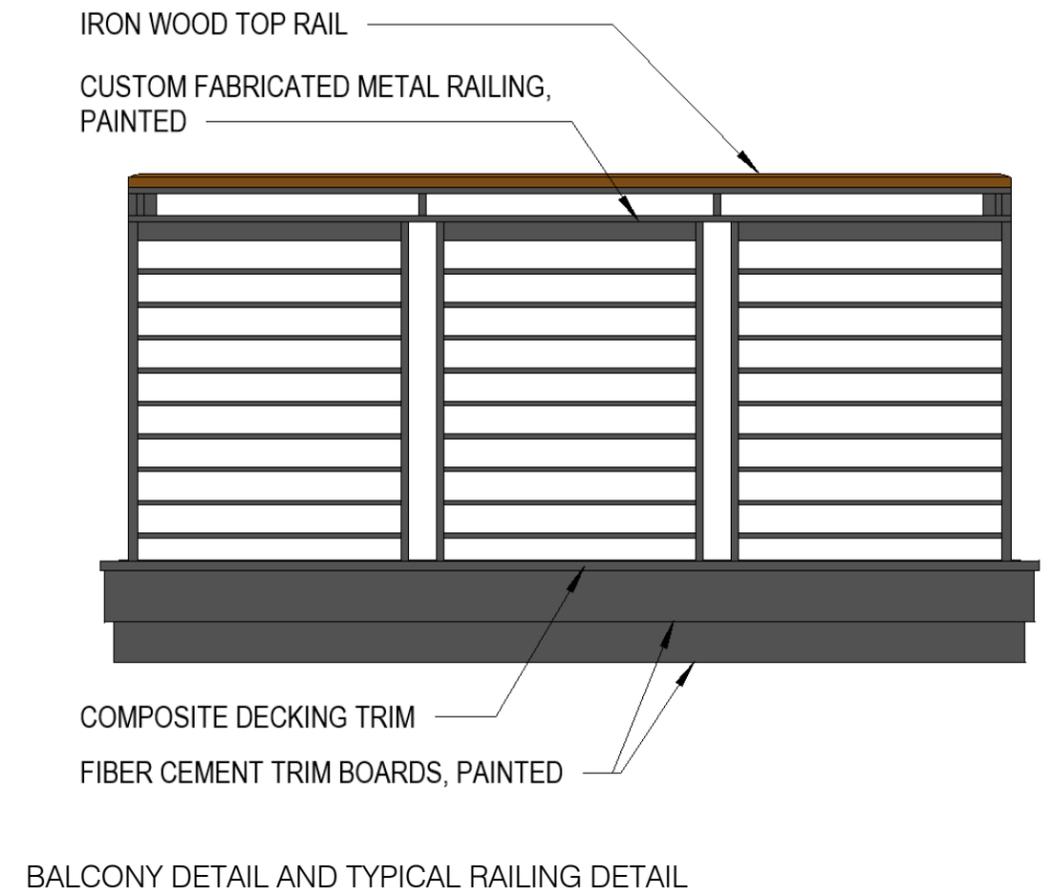
BALCONY RAILING - CUSTOM FABRICATED METAL
RAILINGS - BLACK

SSND ELM GROVE - NEW CONSTRUCTION MATERIALS

PRELIMINARY MATERIAL LIST. SUBJECT TO AVAILABILITY AND/OR EQUIVILENTS

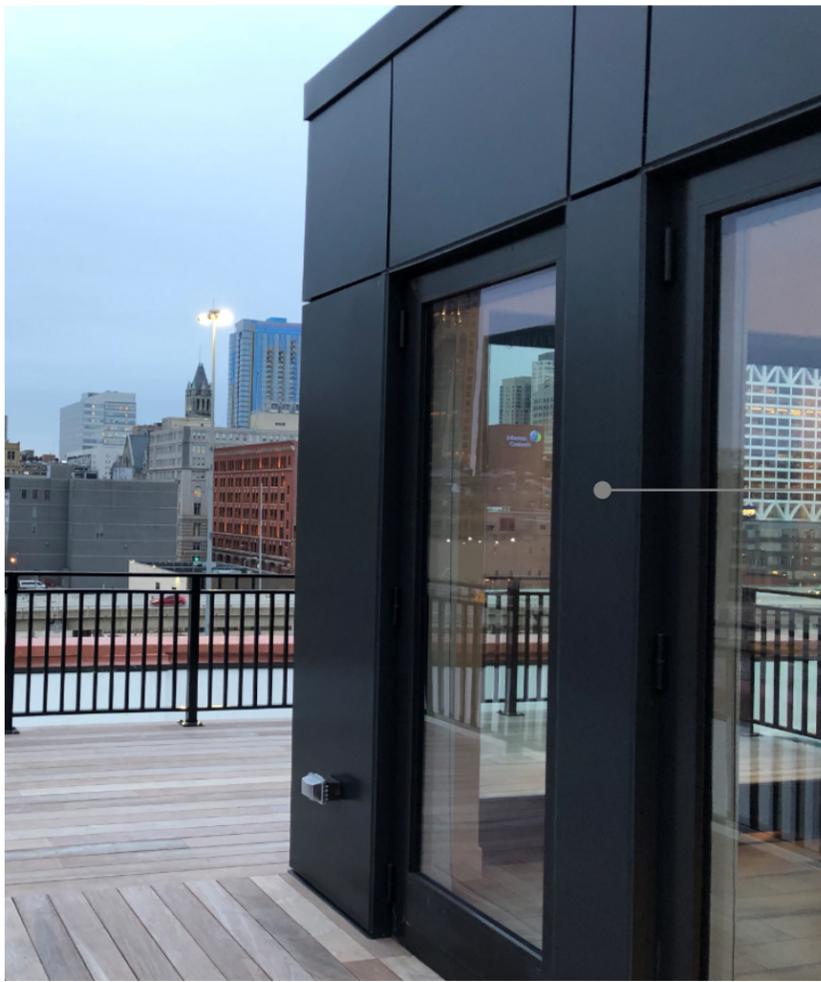


WOOD TRIM DETAILING



SSND ELM GROVE - NEW CONSTRUCTION MATERIALS

PRELIMINARY MATERIAL LIST. SUBJECT TO AVAILABILITY AND/OR EQUIVLENTS



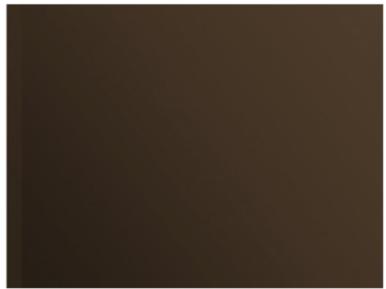
METAL PANEL - CITADEL ENVELOPE 2000 METAL PANELS
COLOR - CLASSIC BRONZE



Classic Bronze



Medium Bronze Anodized



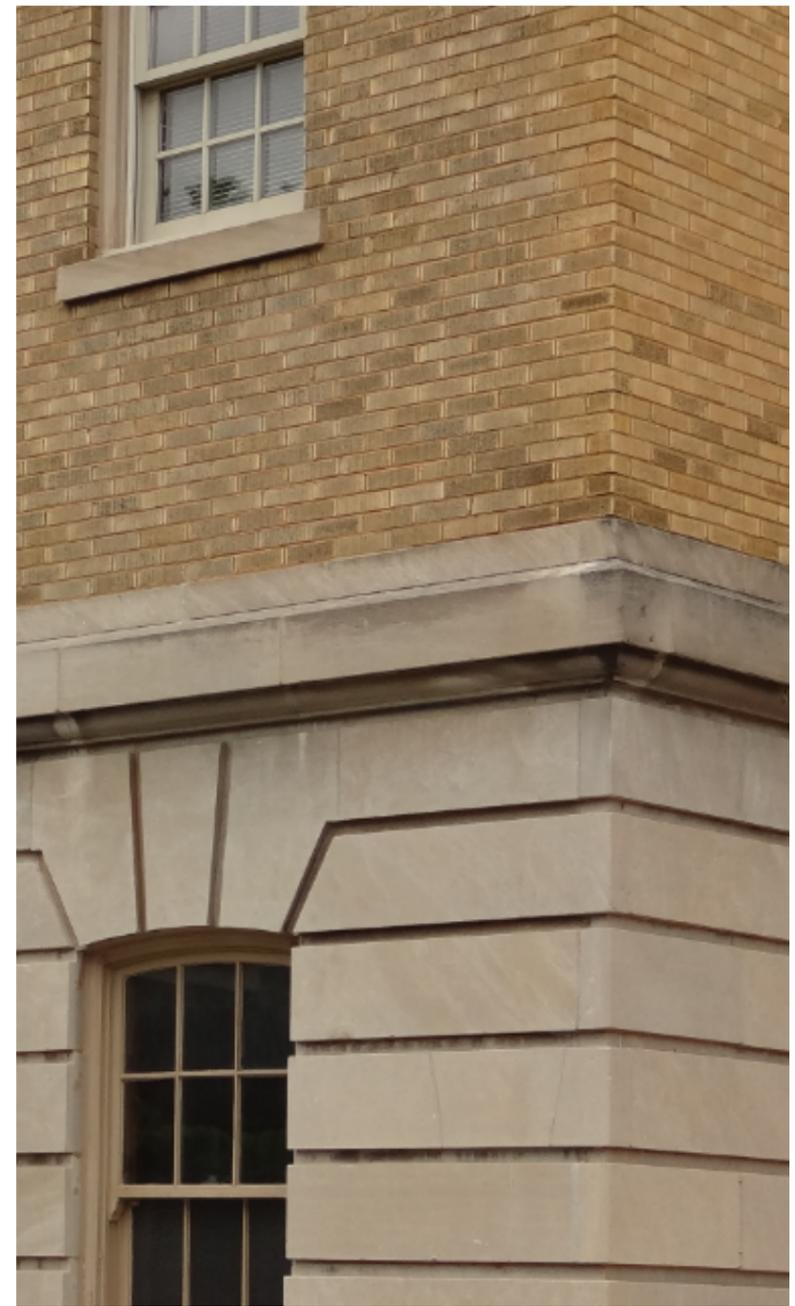
Dark Bronze Anodized



BRICK - GLEN GARY DOLOMITE GREY WIRECUT
BRICK



NEW WINDOW OPENINGS:
ANDERSON 100 SERIES WINDOWS
BLACK EXTERIOR FINISH



EXISTING MARIA HALL STONE/BRICK COMPARISON



STONE - READING ROCK - ROCKCAST ARCHITECTURAL
STONE COLOR - BUFFSTONE



Riesling



Buffstone

SSND ELM GROVE - MARIA HALL ADDITION MATERIALS



BOLLARD - LUMINIS ECLIPSE MAXI EC830
COLOR: BLACK



POLE - LUMINIS ECLIPSE MAXI EC813
COLOR: BLACK



SWING GATE AT EMERGENCY SECONDARY ENTRY - LOGO TBD
SHOWN FOR DESIGN INTENT



WALK-UP UNIT LIGHTING: BASELIGHT
MODEL NO.: SBH08.44.WM24.60INC
COLOR: BLACK



EMERGENCY LANE PAVERS - UNILOCK OPTILOC PAVER -
COLOR SIERRA

SSND ELM GROVE - SITE MATERIALS

PRELIMINARY MATERIAL LIST. SUBJECT TO AVAILABILITY AND/OR EQUIVLENTS

GENERAL NOTES

1. SITE LOCATION: 13105 WATERTOWN PLANK ROAD ELM GROVE, WISCONSIN 53122. SEE PLAT OF SURVEY FOR EASEMENT/RESTRICTIONS. REFER TO PLAT OF SURVEY BY CHAPUT LAND SURVEYS, DATED 11/09/2020 FOR INFORMATION ON COORDINATES AND SURVEY CONTROL.
2. THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITIES, AND CHAPUT LAND SURVEYS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
3. FILL AND SEAL POTABLE WELLS WHEN MUNICIPAL WATER IS CONNECTED TO SITE BUILDINGS OR WHEN WELLS CONFLICT WITH CONSTRUCTION ACTIVITIES. POTABLE WELL FILLING AND SEALING SHALL BE PERFORMED IN ACCORDANCE WITH WISCONSIN ADMINISTRATIVE CODE NR 812.26 AND IN ACCORDANCE WITH VILLAGE CODE 283. SUBMIT FILING AND SEALING FORMS TO WDNR AND OWNER'S REPRESENTATIVE UPON CONCLUSION OF FILLING AND SEALING

ACTIVITIES. REFER TO DNR WELL RECORDS FOR ADDITIONAL INFORMATION.

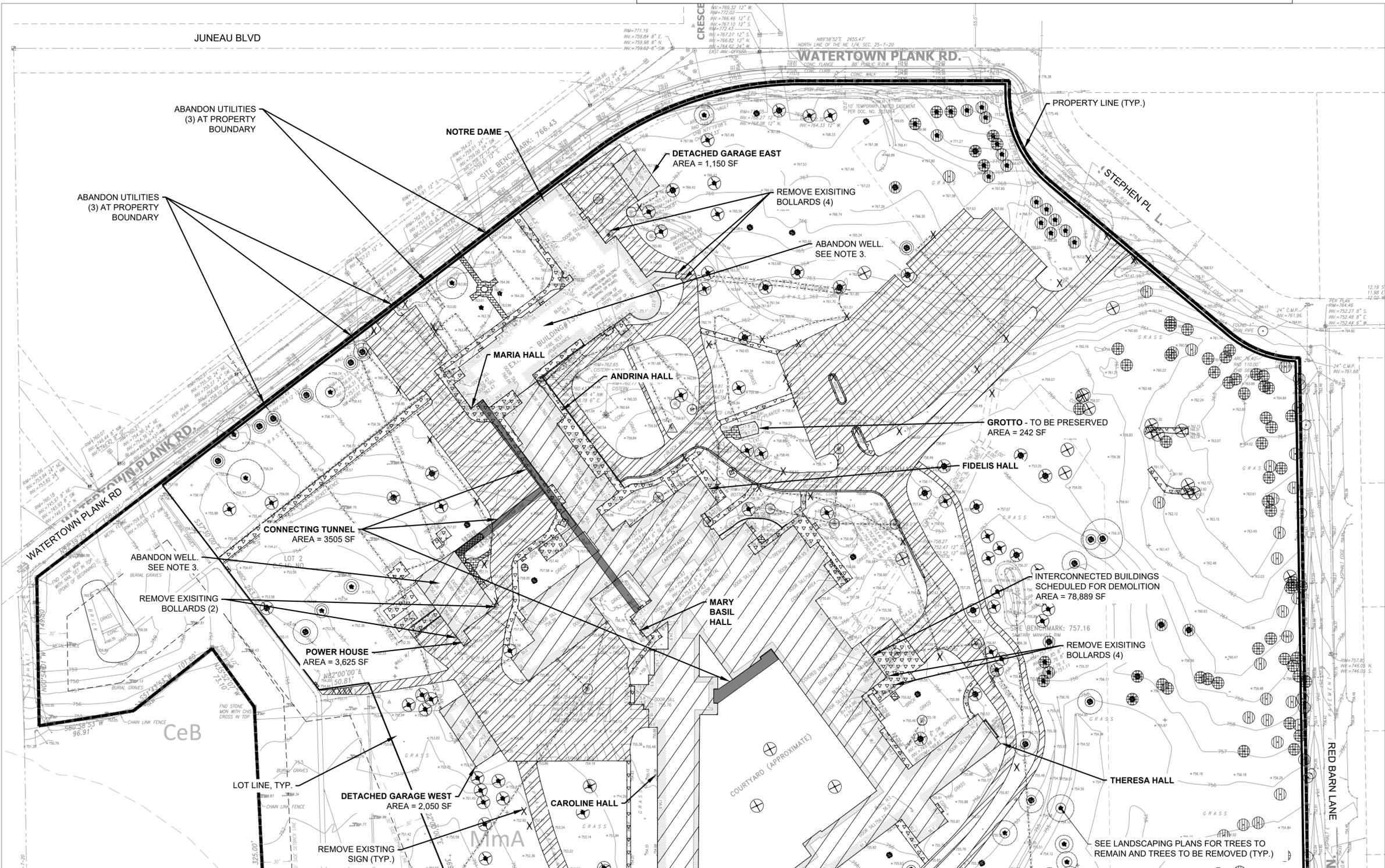
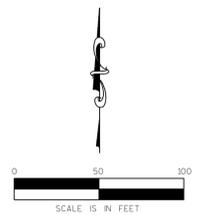
4. ANY WORK OUTSIDE OF PROPERTY LINE AND IN RIGHT OF WAY SHALL CONFORM TO THE VILLAGE OF ELM GROVE STANDARD SPECIFICATIONS, PERMIT CONDITIONS AND ORDINANCES.
5. AREAS LISTED REPRESENT BUILDING FOOTPRINT.
6. CONNECTING TUNNEL AREAS AND OUTLINES ARE APPROXIMATE.

LEGEND

-  EXISTING STRUCTURE TO BE RAZED
-  EXISTING BELOW GROUND STRUCTURE TO BE RAZED
-  REMOVE EXISTING ASPHALTIC PAVMENT
-  REMOVE EXISTING CONCRETE PAVEMENT/SLAB/SIDEWALK/STEP CURB AND GUTTER
-  REMOVE EXISTING BRICK
-  REMOVE STRUCTURE
-  EXISTING PROPERTY BOUNDARY
-  PROJECT LIMITS

XXXX XXXX . SAWCUT PAVEMENT

- X-X-X-X-X- REMOVE PIPE/ UTILITY LINE / FENCE OR GATE
- A-A-A-A-A- ABANDON UTILITY LINE
- REMOVE EXISTING MANHOLE
- △ REMOVE EXISTING FIRE HYDRANT
- X REMOVE EXISTING SIGN/POLE



CONSULTANT

PROJECT TITLE: SCHOOL SISTERS OF NOTRE DAME DEVELOPMENT
PRELIMINARY DESIGN, NOT FOR CONSTRUCTION

CLIENT: MANDEL GROUP, INC.

PROJECT LOCATION: 13105 WATERTOWN PLANK RD.
ELM GROVE, WI 53122

REVISIONS	DATE	DESCRIPTION

DRAWN BY: SES/RJT DATE: 07/20/2021
 CHECKED BY: APS DATE: 07/20/2021

SITE TITLE
DEMOLITION PLAN - NORTH

C101

GENERAL NOTES

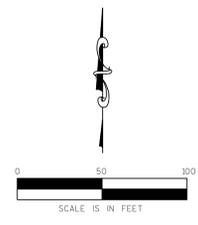
1. SITE LOCATION: 13105 WATERTOWN PLANK ROAD ELM GROVE, WISCONSIN 53122. SEE PLAT OF SURVEY FOR EASEMENT/RESTRICTIONS. REFER TO PLAT OF SURVEY BY CHAPUT LAND SURVEYS, DATED 11/09/2020 FOR INFORMATION ON COORDINATES AND SURVEY CONTROL.
2. THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITIES, AND CHAPUT LAND SURVEYS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
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ACTIVITIES. REFER TO DNR WELL RECORDS FOR ADDITIONAL INFORMATION

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5. AREAS LISTED REPRESENT BUILDING FOOTPRINT.
6. CONNECTING TUNNEL AREAS AND OUTLINES ARE APPROXIMATE.

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-  REMOVE EXISTING BRICK
-  REMOVE STRUCTURE
-  EXISTING PROPERTY BOUNDARY
-  PROJECT LIMITS
-  SAWCUT PAVEMENT
-  REMOVE PIPE/ UTILITY LINE / FENCE OR GATE
-  ABANDON UTILITY LINE
-  REMOVE EXISTING MANHOLE
-  REMOVE EXISTING FIRE HYDRANT
-  REMOVE EXISTING SIGN/POLE



KSingh Engineers
Scientists
Consultants
3636 North 124th Street
Wauwatosa, WI 53222
262-821-1171

PROJECT TITLE: SCHOOL SISTERS OF NOTRE DAME DEVELOPMENT
PRELIMINARY DESIGN, NOT FOR CONSTRUCTION

CLIENT: MANDEL GROUP, INC.

PROJECT LOCATION: 13105 WATERTOWN PLANK RD.
ELM GROVE, WI 53122

REVISIONS	DATE	DESCRIPTION

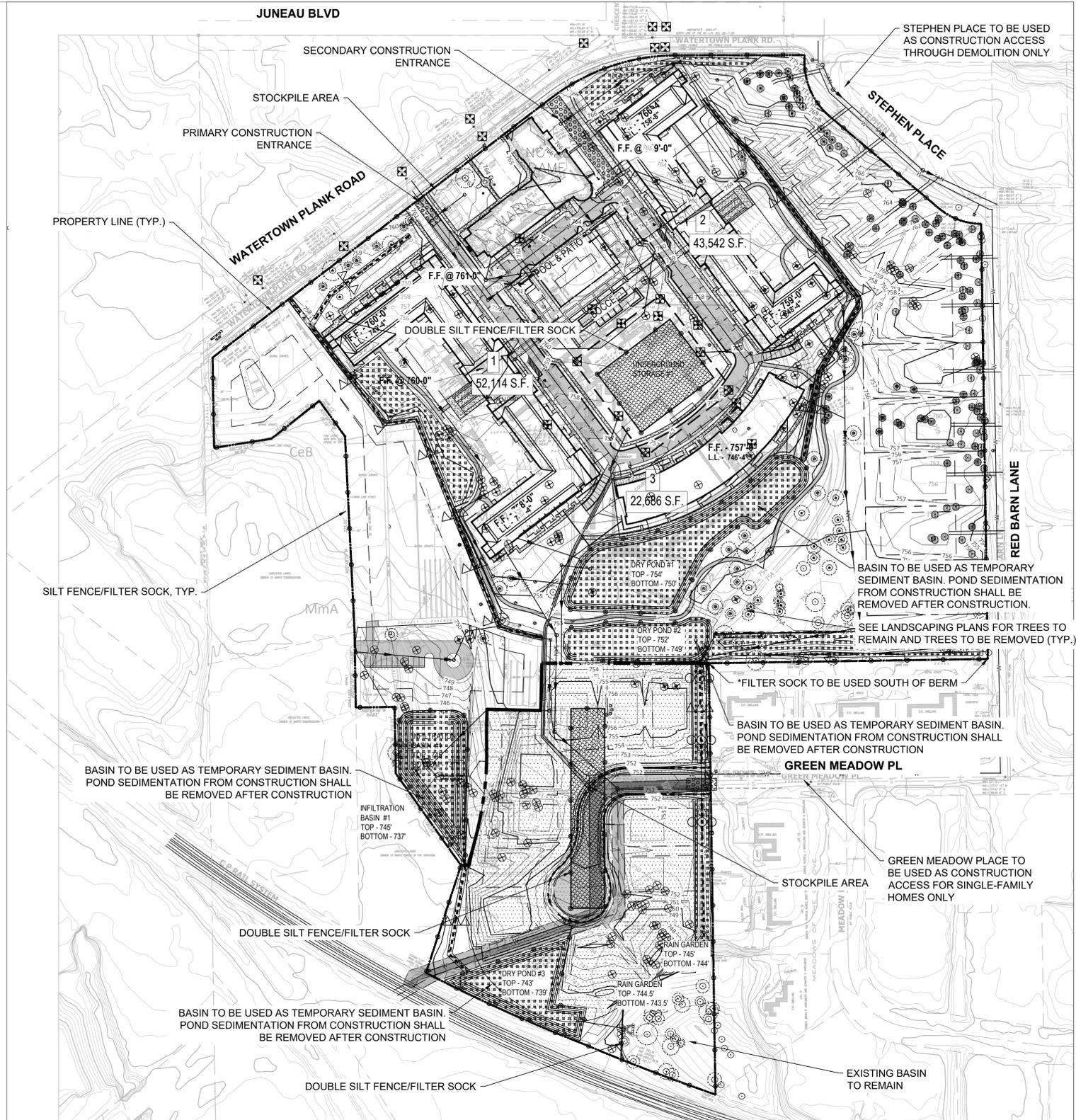
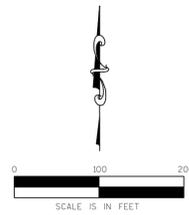
DRAWN BY SES/RJT DATE 07/20/2021
CHECKED BY APS DATE 07/20/2021

SITE TITLE
DEMOLITION PLAN - SOUTH

C102

EROSION CONTROL NOTES

- CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF ELM GROVE AND EMPLOY EROSION CONTROL METHODS AS SHOWN IN THE DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS WHICH CAN BE FOUND AT: http://dnr.wi.gov/topic/stormwater/standards/const_standards.html
- ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5" OR MORE, BUT NO LESS THAN ONCE EVERY WEEK. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP AND REMOVAL OF ALL SEDIMENT AND ALL SEDIMENT CONTROL STRUCTURES. EROSION CONTROL MEASURES MUST BE IN WORKING CONDITION AT END OF EACH DAY. ALL RECORDS OF THE INSPECTION AND MAINTENANCE OF EROSION CONTROL MEASURES SHALL BE KEPT BY THE OWNER'S REPRESENTATIVE RESPONSIBLE FOR EROSION CONTROL INSPECTIONS.
- INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- SILT FENCE SHALL BE INSTALLED IN HORSESHOE FASHION AROUND ALL TOPSOIL AND FILL STOCKPILES.
- ALL OFF-SITE SEDIMENT DEPOSITS FROM THIS PROJECT OCCURRING AS RESULT OF A STORM EVENT SHALL BE CLEANED UP BY END OF NEXT WORKING DAY. ALL OTHER OFF-SITE SEDIMENT DEPOSITS OCCURRING AS RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY END OF THE WORK DAY.
- GENERAL CONSTRUCTION SEQUENCE FOR EROSION CONTROL INCLUDES:
 - INSTALL SILT FENCE.
 - INSTALL INLET PROTECTION ON EXISTING STORM INLETS.
 - STRIP TOPSOIL, REMOVE AND/OR STOCKPILE.
 - PERFORM ROUGH GRADING.
 - INSTALL UTILITIES.
 - INSTALL INLET PROTECTION.
 - CONSTRUCT BUILDINGS.
 - INSTALL PAVEMENTS.
 - REMOVE ACCUMULATED SEDIMENT FROM SITE.
 - REMOVE EROSION CONTROL MEASURES ONLY WHEN SITE IS FULLY STABILIZED.
- ALL EXPOSED SOIL AREAS NOT DISTURBED FOR UP TO SEVEN DAYS MUST BE IMMEDIATELY RESTORED WITH SEED AND MULCH.
- IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15; STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER; STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
- RESTORATION OF ALL DISTURBED AREAS WITH SLOPES GREATER THAN 20% SHALL BE COMPLETED WITHIN 30 DAYS AFTER BEGINNING CONSTRUCTION ON SAID AREA.
- SWEEP/CLEAN UP ALL SEDIMENT/TRASH THAT MOVES OFF-SITE DUE TO CONSTRUCTION ACTIVITY OR STORM EVENTS BEFORE THE END OF THE SAME WORKDAY OR AS DIRECTED BY THE CITY OF ELM GROVE, OWNER OR ENGINEER. SEPARATE SWEEPED MATERIALS (SOILS AND TRASH) AND DISPOSE OF APPROPRIATELY.
- CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST PER WDNR TECHNICAL STANDARD #1068 DUST CONTROL FOR CONSTRUCTION SITES.
- PROPERLY DISPOSE OF ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, OR OTHER CONSTRUCTION MATERIALS) AND DO NOT ALLOW THESE MATERIALS TO BE CARRIED BY RUNOFF INTO RECEIVING CHANNEL.
- IF DEWATERING IS NEEDED, CONTRACTOR SHALL PROVIDE FOR SEDIMENT REMOVAL ACCORDING TO WDNR TECHNICAL STANDARD #1061. WATER PUMPED FROM THE SITE SHALL BE TREATED BY TEMPORARY SEDIMENTATION BASINS, GRIT CHAMBERS, SAND FILTERS, UPSLOPE CHAMBERS, HYDRO-CYCLONES, SWIRL CONCENTRATORS, OR OTHER APPROPRIATE CONTROLS. WATER MAY NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE OR RECEIVING CHANNELS. DEWATERING SHALL COMPLY WITH WDNR AND LOCAL STANDARDS.
- PROVIDE ANTI-SCOUR PROTECTION AND MAINTAIN NON-EROSIVE FLOW DURING DEWATERING, LIMIT PUMPING RATES, OR THE BASIN DESIGN RELEASE RATE WITH THE CORRECTLY FITTED HOSE AND GEOTEXTILE FILTER BAG. PERFORM DEWATERING OF ACCUMULATED SURFACE RUNOFF IN ACCORDANCE WITH WDNR TECHNICAL STANDARD #1061 DEWATERING.
- CONTRACTOR SHALL DETERMINE LOCATION OF CONCRETE WASH-OUT AREAS.
- INLET PROTECTION TYPE A TO BE USED FOR INLETS IN NON-PAVED AREAS (GRASS INLETS). INLET PROTECTION TYPE B TO BE USED FOR INLETS IN PAVED AREAS. INLET PROTECTION TYPE C TO BE USED FOR ALL CURB INLETS. WHILE INLET PROTECTION TYPE D TO BE USED WHERE SHOWN ON THE PLAN. INLET PROTECTIONS SHALL BE WISDOT APPROVED OR AN APPROVED EQUAL.
- PONDS USED AS SEDIMENTATION BASINS DURING CONSTRUCTION SHALL BE CLEANED AFTER CONSTRUCTION.
- PONDS TO BE USED AS TEMPORARY SEDIMENTATION BASINS SHALL BE CONSTRUCTED TO THE FOLLOWING BOTTOM ELEVATIONS:
 - DRY POND #2: 741'
 - DRY POND #3: 740'
 - INFILTRATION BASIN #1: 738'
 FOLLOWING CONSTRUCTION, THE FINAL 1' SHALL BE REMOVED TO THE DESIGN SURFACE ELEVATION OF THE POND BOTTOMS.



LEGEND

	SEED AND EROSION MAT		SILT FENCE/FILTER SOCK		HEAVY RIPRAP
	STOCKPILE AREA		PROPOSED GRADING CONTOURS		EXISTING GRADING CONTOURS
	STABILIZED CONSTRUCTION ENTRANCE		INLET PROTECTION (SEE NOTE 17)		CULVERT PIPE DITCH CHECK
	DITCH CHECK				

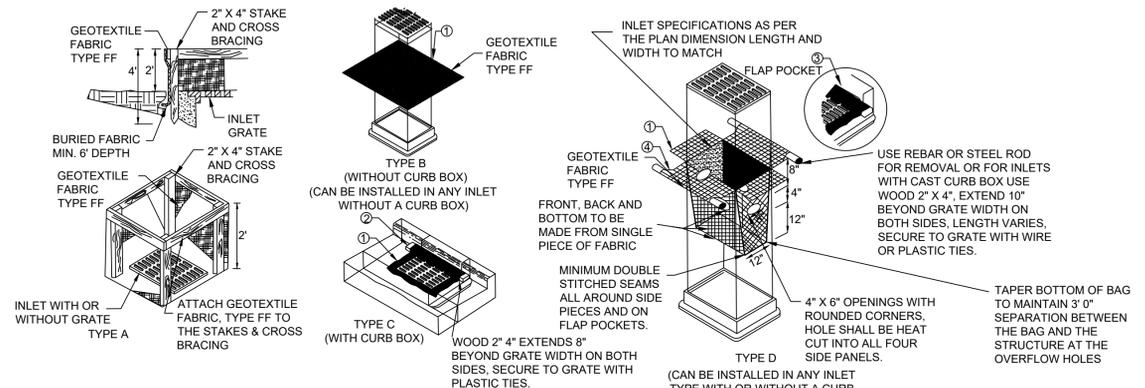
KSingh Engineers Scientists Consultants
 3636 North 124th Street
 Wauwatosa, WI 53222
 262-821-1171
 CONSULTANT

PROJECT TITLE: SCHOOL SISTERS OF NOTRE DAME DEVELOPMENT
 PRELIMINARY DESIGN, NOT FOR CONSTRUCTION
 CLIENT: MANDEL GROUP, INC.
 PROJECT LOCATION: 13105 WATERTOWN PLANK RD.
 ELM GROVE, WI 53122

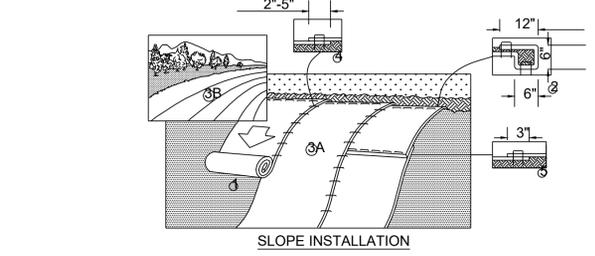
REVISIONS	DATE	DESCRIPTION

DRAWN BY: SES/RJT DATE: 07/20/2021
 CHECKED BY: APS DATE: 07/20/2021
 SITE TITLE: EROSION CONTROL PLAN

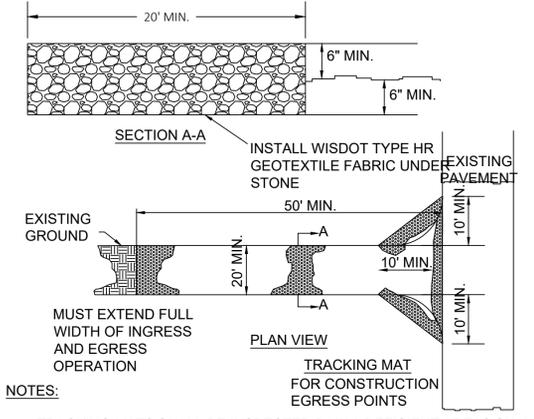
C110



- GENERAL NOTES:**
- FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
 - FOR INLET PROTECTION, TYPE C (WITH CURB BOX) AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
 - FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"X4". THE REBAR, STEEL PIPE OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.
 - FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
 - INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
 - MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
 - WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
- INSTALLATION NOTES:**
- TYPE B & C**
- TYPE FF GEOTEXTILE FABRIC (EXTEND FABRIC A MINIMUM OF 10" AROUND GRATE PERIMETER FOR MAINTENANCE OR REMOVAL.
 - THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.
- TYPE D**
- DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.
 - THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE, THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.



- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
 - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15CM) DEEP X 6" (15CM) WIDE TRENCH WITH APPROXIMATELY 12" (30CM) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30CM) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30CM) APART ACROSS THE WIDTH OF THE BLANKET.
 - ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
 - THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2'-5" (5CM-12.5CM) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
 - CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30CM) APART ACROSS ENTIRE BLANKET WIDTH.
- NOTES:**
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 - DO NOT SCALE DRAWINGS.
 - IN LOOSE SOIL CONDITIONS THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15CM) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

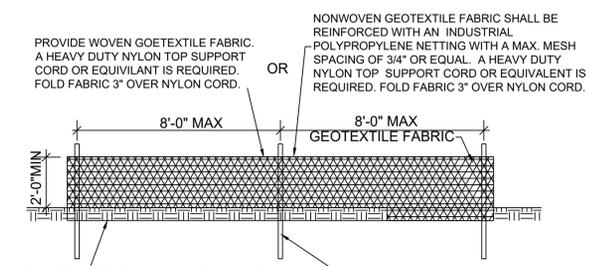


- NOTES:**
- TRACKING MATS SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
 - STONE - CLEAR OR WASHED (3"-6" SHALL BE PLACED AT LEAST 12" DEEP OVER THE LENGTH AND WIDTH OF ENTRANCE).
 - SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES 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" OF STONE OVER THE PIPE TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE WILL NOT BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MINIMUM WILL BE REQUIRED.
 - LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE.

1 INLET PROTECTION
C111 NTS

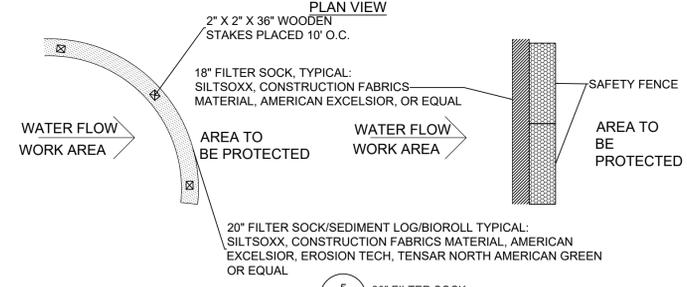
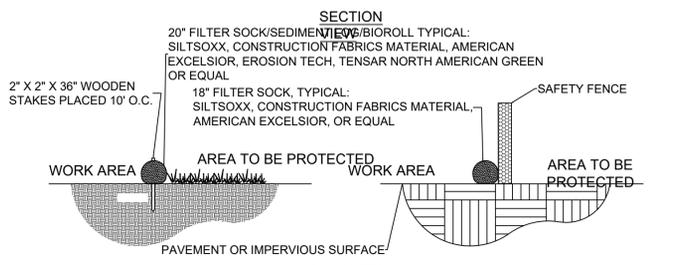
2 EROSION MAT INSTALLATION
C111 NTS

3 STABILIZED CONSTRUCTION ENTRANCE
C111 NTS

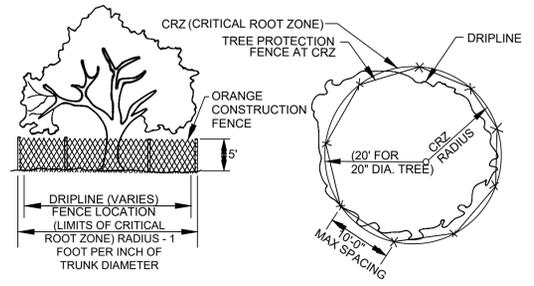


- PROVIDE WOVEN GEOTEXTILE FABRIC. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED. FOLD FABRIC 3" OVER NYLON CORD.
- NONWOVEN GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL-POLYPROPYLENE NETTING WITH A MAX. MESH SPACING OF 3/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED. FOLD FABRIC 3" OVER NYLON CORD.
- WOOD POSTS SHALL BE A SIZE OF 4" DIA. OR 1 1/2" X 3 1/2" EXCEPT WOOD POSTS FOR GEOTEXTILE FABRIC REINFORCED WITH NETTING SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OAK OR HICKORY. LENGTH=4'-0" MIN. WITH 1'-8" MIN. DEPTH IN GROUND.
- NOTES:**
- CONTRACTOR SHALL INSPECT SILT FENCE DAILY AND REPAIR OR REPLACE AS NEEDED. SEDIMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN DEPOSITS REACH 1/2 THE HEIGHT OF THE FENCE.
 - ATTACH THE FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH AND NAILS.

4 SILT FENCE
C111 NTS



5 20" FILTER SOCK
C111 NTS



- NOTES:**
- ALL TREES SHOWN TO BE RETAINED WITHIN THE LIMITS OF CONSTRUCTION ON THE PLANS, SHALL BE PROTECTED DURING CONSTRUCTION WITH FENCING, AS SHOWN.
 - TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE PREPARATION WORK (CLEARING, GRUBBING, OR GRADING) AND SHALL BE MAINTAINED THROUGHOUT ALL PHASES OF THE CONSTRUCTION PROJECT.
 - EROSION AND SEDIMENTATION CONTROL BARRIERS SHALL BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILD-UP WITHIN TREE DRIPLINES.
 - FENCES SHALL COMPLETELY SURROUND THE TREE OR CLUSTERS OF TREES, LOCATED AT THE OUTERMOST LIMITS OF THE TREE BRANCHES (DRIPLINE) OR CRITICAL ROOT ZONE (CRZ), WHICHEVER IS GREATER.
 - ANY ROOTS EXPOSED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL AND BACKFILLED WITH GOOD QUALITY TOP SOIL WITHIN TWO DAYS. IF EXPOSED ROOT AREAS CANNOT BE BACKFILLED WITHIN 2 DAYS, AN ORGANIC MATERIAL WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION SHALL BE PLACED TO COVER THE ROOTS UNTIL BACKFILL CAN OCCUR.
 - PRIOR TO EXCAVATION OR GRADE CUTTING WITHIN TREE DRIPLINES, A CLEAN CUT SHALL BE MADE WITH A ROCK SAW OR SIMILAR EQUIPMENT, TO MINIMIZE DAMAGE TO REMAINING ROOTS.
 - NO LANDSCAPE TOPSOIL DRESSING GREATER THAN FOUR (4) INCHES SHALL BE PERMITTED WITHIN THE DRIPLINE OR CRZ OF TREES, WHICHEVER IS GREATER. NO TOPSOIL IS PERMITTED ON ROOT FLARES OF ANY TREE.
 - PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC, AND CONSTRUCTION EQUIPMENT SHALL TAKE PLACE BEFORE CONSTRUCTION BEGINS. ALL PRUNING MUST BE DONE AS OUTLINED IN LITERATURE PROVIDED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA PRUNING TECHNIQUES).

5 TREE PROTECTION
C111 NTS

NOTE: DETAIL PROVIDED FOR REFERENCE

PROJECT TITLE: SCHOOL SISTERS OF NOTRE DAME DEVELOPMENT
PRELIMINARY DESIGN, NOT FOR CONSTRUCTION

CLIENT: MANDEL GROUP, INC.

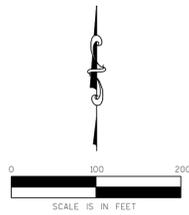
PROJECT LOCATION: 13105 WATERTOWN PLANK RD.
ELM GROVE, WI 53122

REVISIONS	DATE	DESCRIPTION

DRAWN BY: SES/RJT DATE: 07/20/2021
CHECKED BY: APS DATE: 07/20/2021
SITE TITLE

EROSION CONTROL DETAILS

C111



NOTES:

1. GRADE ALL SURFACES FOR POSITIVE DRAINAGE.
2. ALL GRADES SHOWN ARE SURFACE OR FLOW LINE GRADES, UNLESS OTHERWISE NOTED.
3. CONTRACTOR TO STRIP AND STOCKPILE TOPSOIL FROM SITE BEFORE GRADING.
4. FINAL ADJUSTMENTS SHALL BE MADE AT THE TIME OF PAVING TO MATCH THE PAVEMENT SURFACE.
5. PER WDNR TECHNICAL STANDARDS, ONE OF THE FOLLOWING METHODS SHALL BE USED WHEN WORKING NEAR THE PROPOSED LOCATIONS OF THE INFILTRATION AND DRY PONDS:
 - 5.1. COMPACTION AVOIDANCE - COMPACTION OF THE AREA FOR THE INFILTRATION BASIN AND DRY PONDS SHALL BE AVOIDED BY PROTECTING THE PROPOSED INFILTRATION BASIN AND DRY POND LOCATIONS FROM ALL TRAFFIC.
 - 5.2. COMPACTION MITIGATION - IF COMPACTION OR SMEARING OCCURS AT THE PROPOSED LOCATION OF INFILTRATION BASIN AND DRY PONDS, THE EFFECTS OF COMPACTION SHALL BE MITIGATED BY INCORPORATING TWO INCHES OF COARSE SAND AND REFRACTURING TO A DEPTH OF AT LEAST 12 INCHES. FOLLOWING GRADING OPERATIONS, THE PROPOSED LOCATIONS SHALL BE EVALUATED AND DOCUMENTED FOR CONSISTENCY WITH THE ORIGINAL SITE INVESTIGATION.

LEGEND:

- NEW GRADING CONTOUR
- EXISTING GRADING CONTOUR
- WATER FLOW DIRECTION
- SPOT GRADE ELEVATION
- TOP OF CURB (TOC) ELEVATION
- BOTTOM OF CURB (BOC) ELEVATION
- TOP OF WALL (TOW) ELEVATION
- BOTTOM OF WALL (BOW) ELEVATION
- FLOW LINE (FL) ELEVATION
- ADA ACCESS PATH



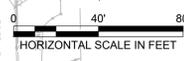
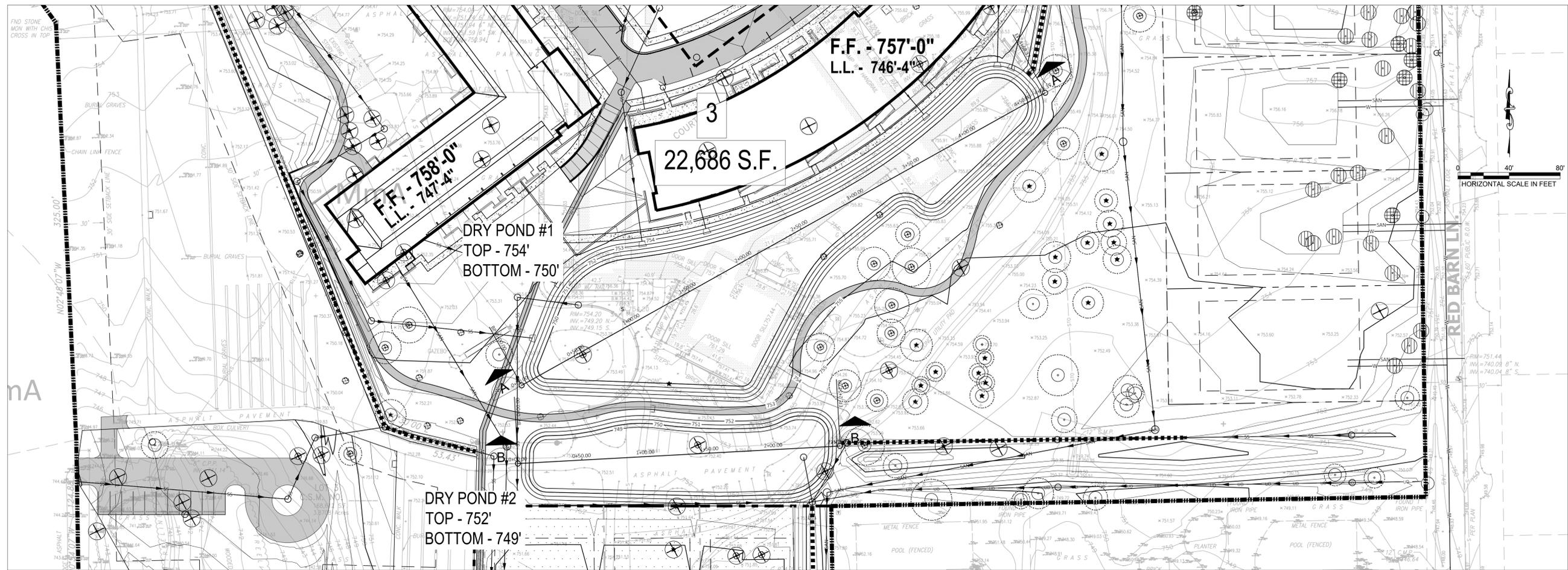
REVISIONS	DATE	DESCRIPTION

DRAWN BY SES/RJT	DATE 07/20/2021
CHECKED BY APS	DATE 07/20/2021

SITE TITLE

GRADING PLAN

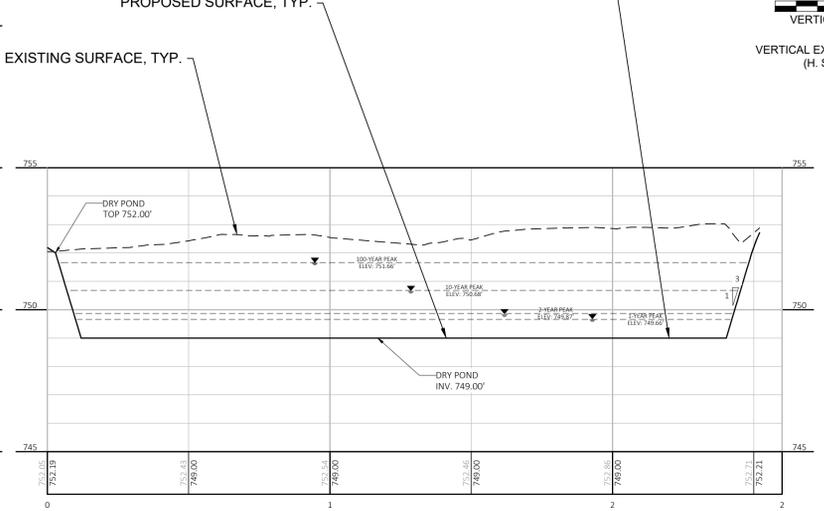
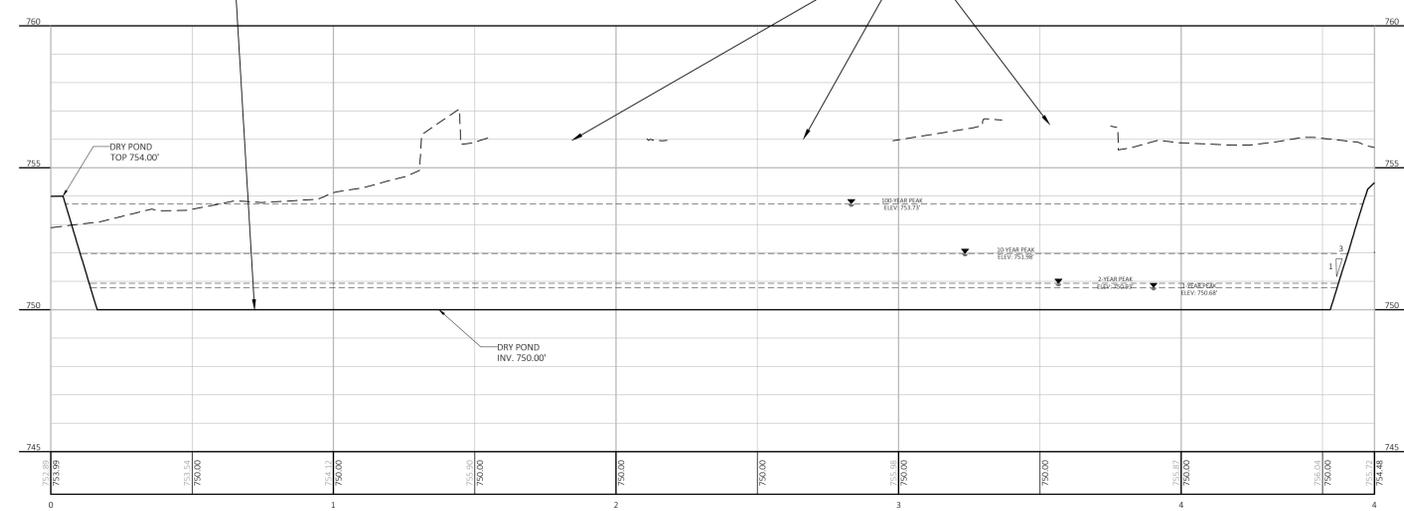
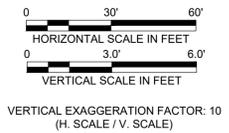
C300



OUTLET STRUCTURE LOCATION, SEE DETAIL 1, C340

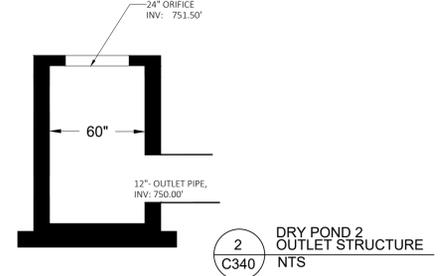
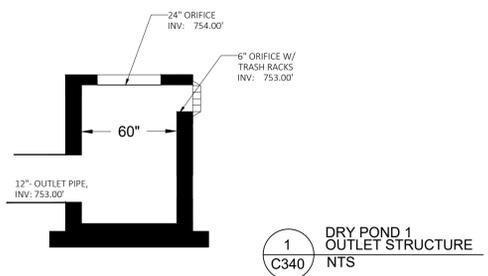
GAPS IN EXISTING SURFACE REPRESENT EXISTING BUILDINGS

OUTLET STRUCTURE LOCATION, SEE DETAIL 2, C340



SECTION-AA

SECTION-BB



PROJECT TITLE: SCHOOL SISTERS OF NOTRE DAME DEVELOPMENT
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CLIENT: MANDEL GROUP, INC.

PROJECT LOCATION: 13105 WATERTOWN PLANK RD.
ELM GROVE, WI 53122

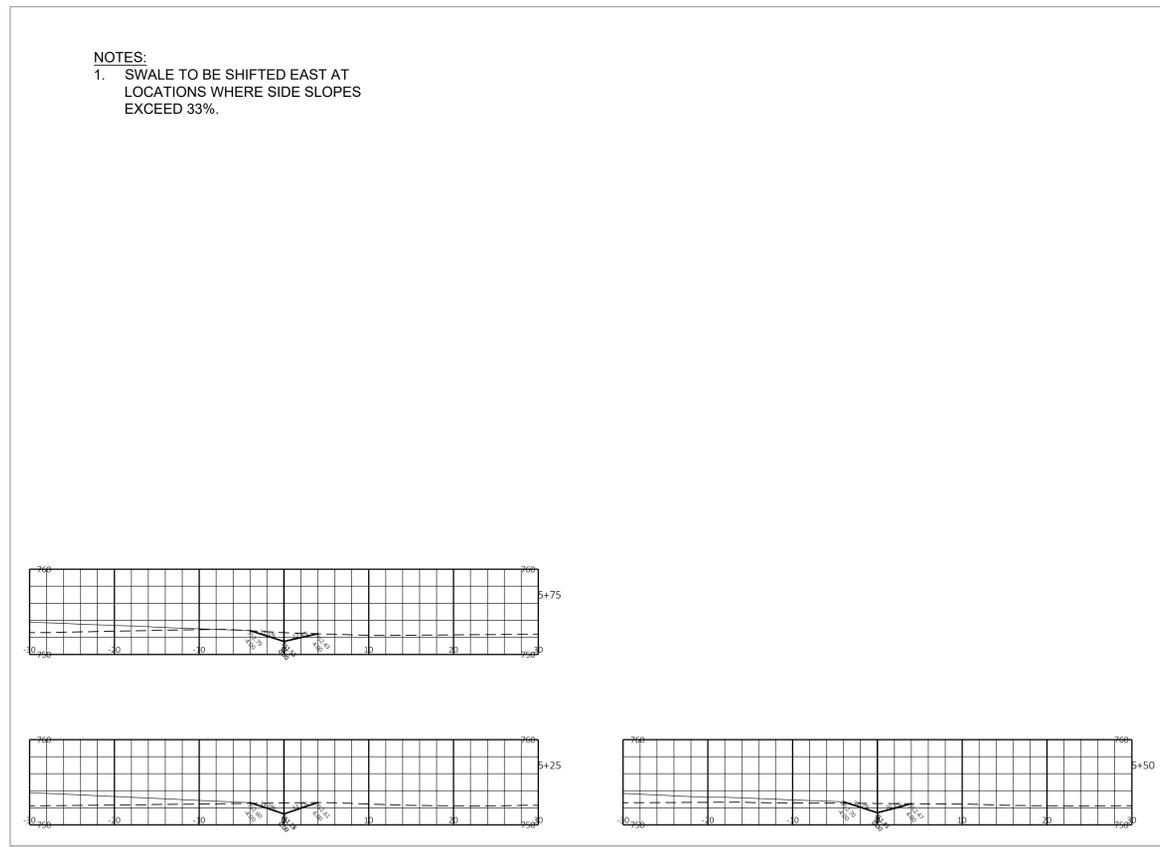
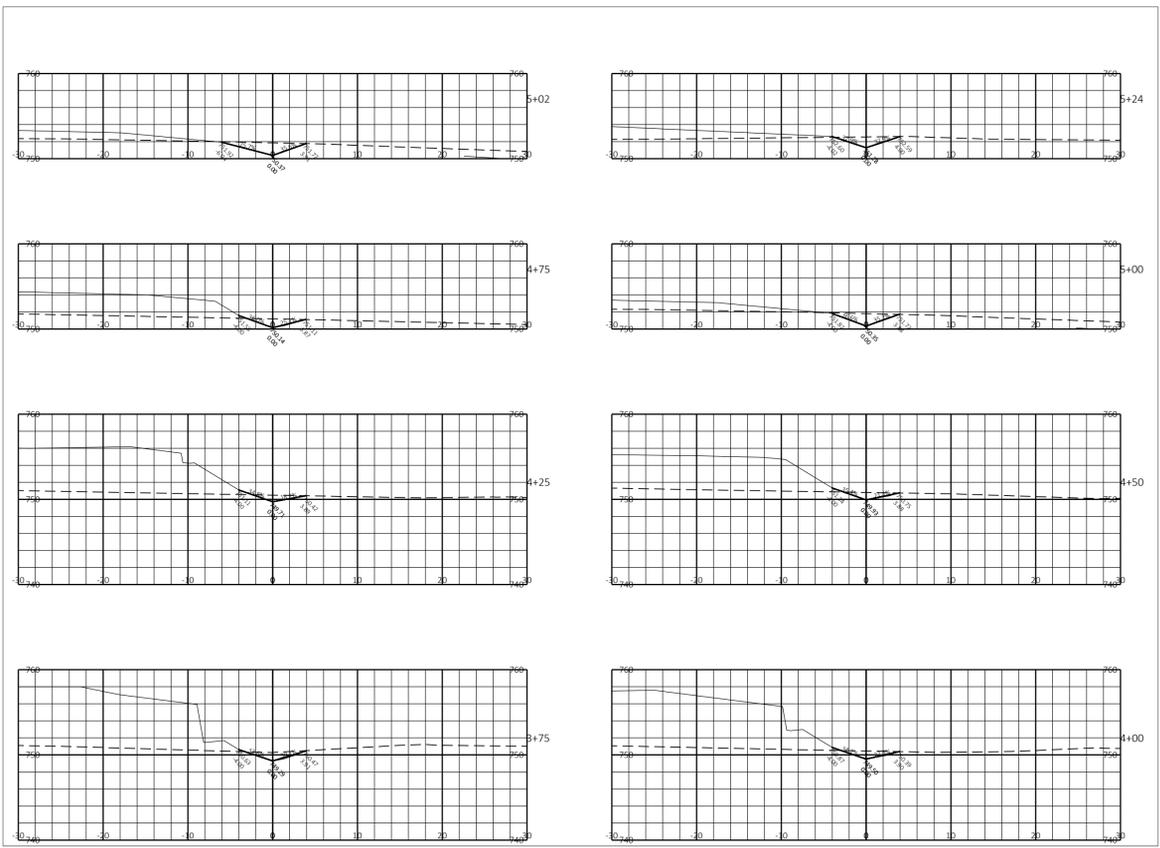
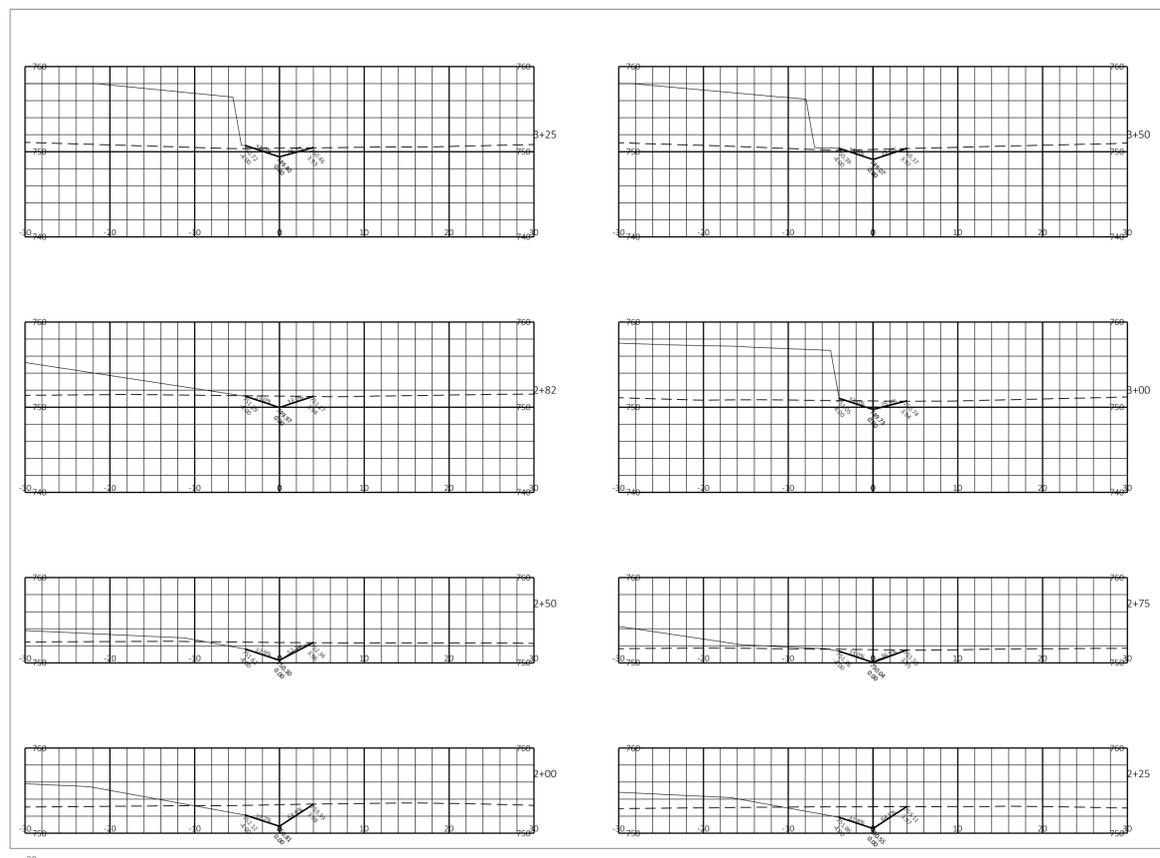
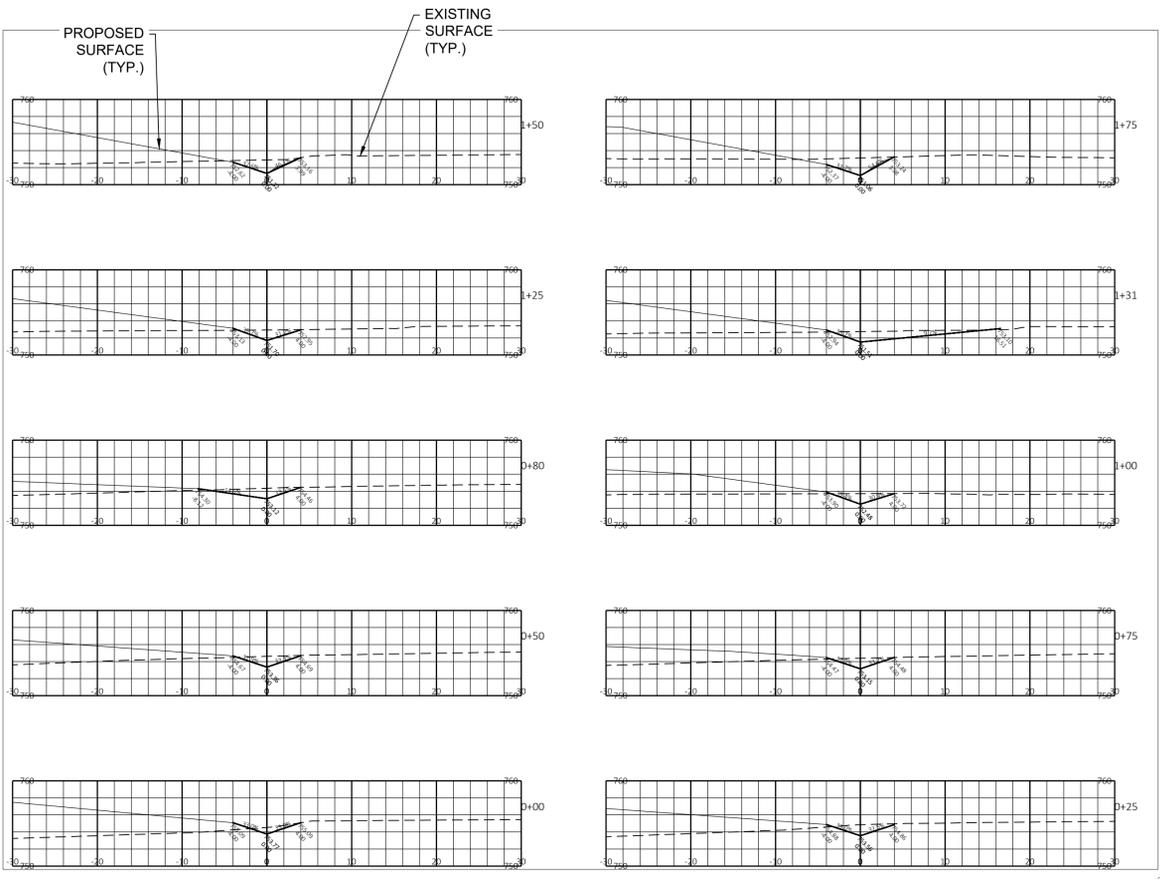
PROJECT TITLE:

REVISIONS	DATE	DESCRIPTION

DRAWN BY: SES/RJT DATE: 07/20/2021
CHECKED BY: APS DATE: 07/20/2021

SITE TITLE: DRY POND 1 & DRY POND 2 XS

C340



NOTES:
1. SWALE TO BE SHIFTED EAST AT LOCATIONS WHERE SIDE SLOPES EXCEED 33%.

PROJECT TITLE: SCHOOL SISTERS OF NOTRE DAME DEVELOPMENT
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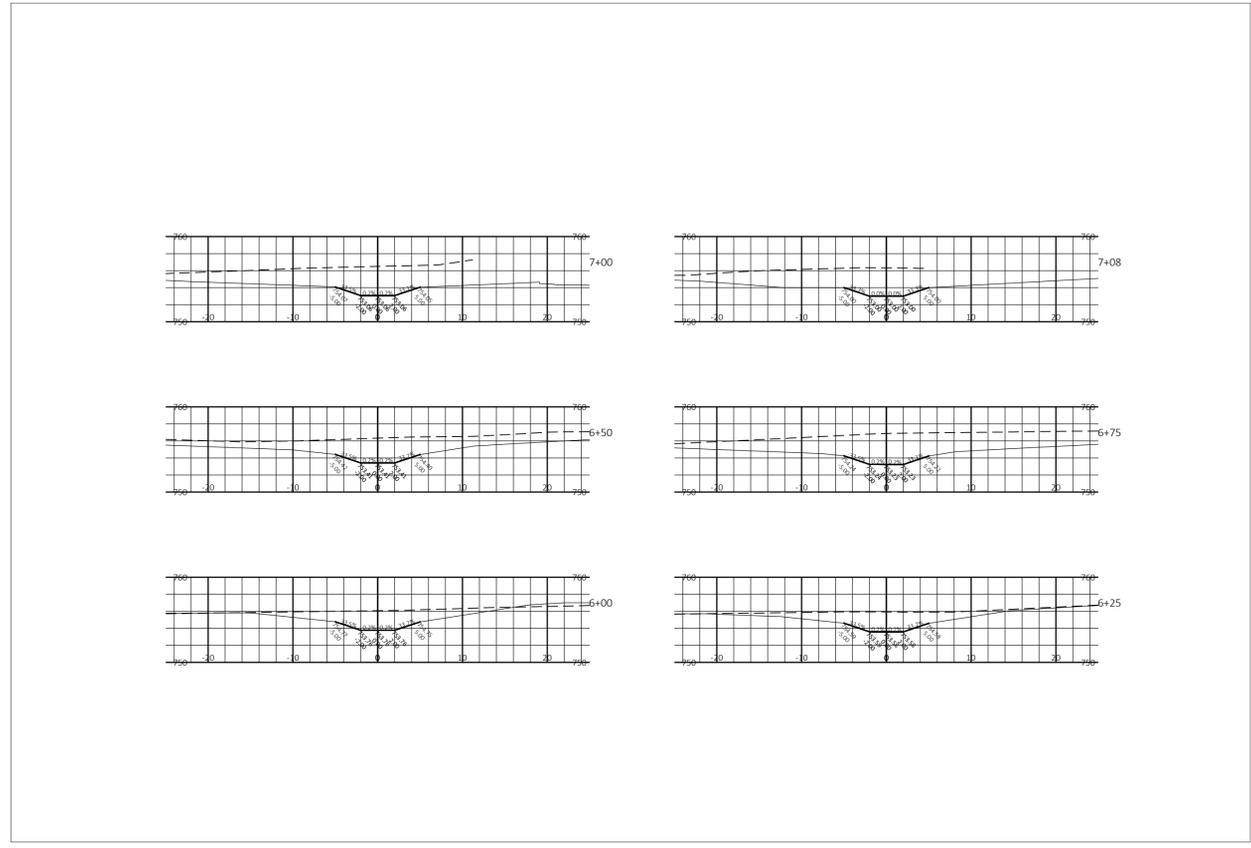
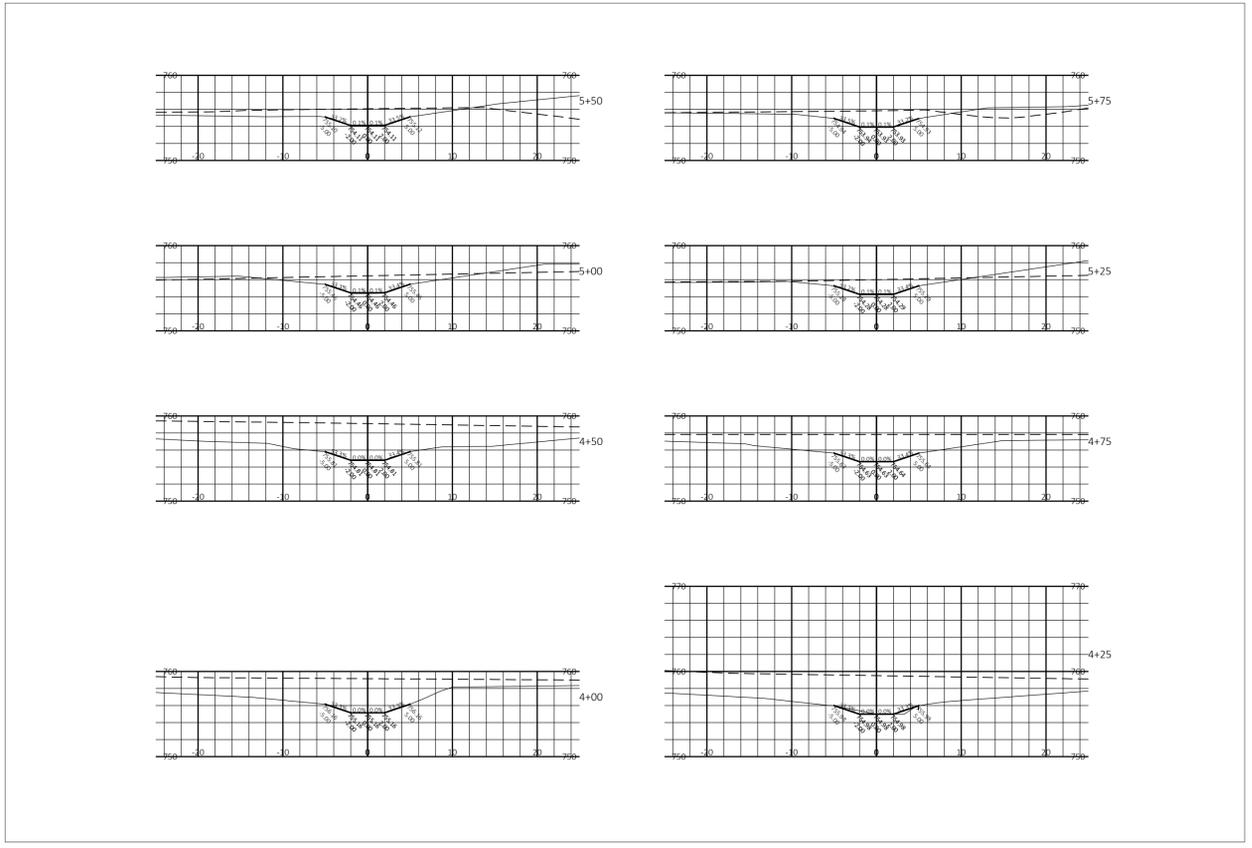
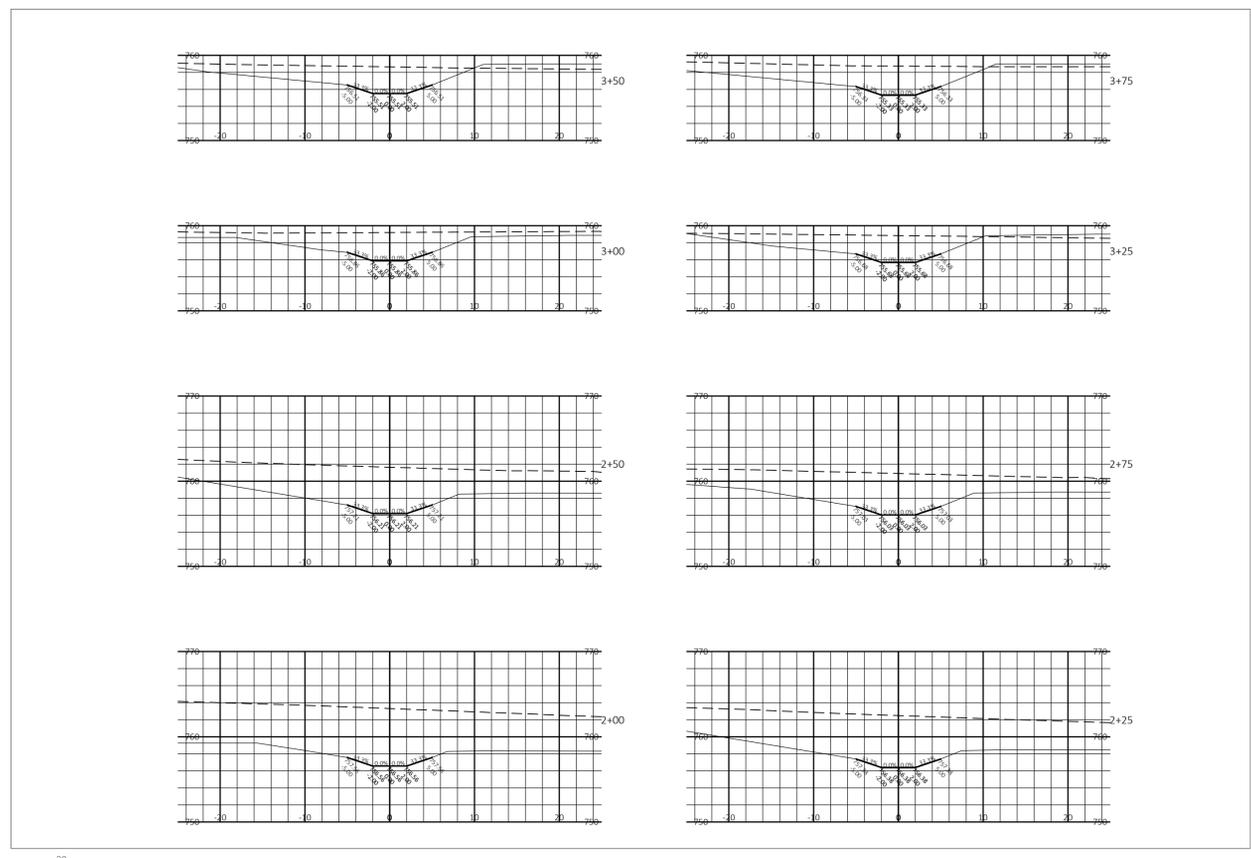
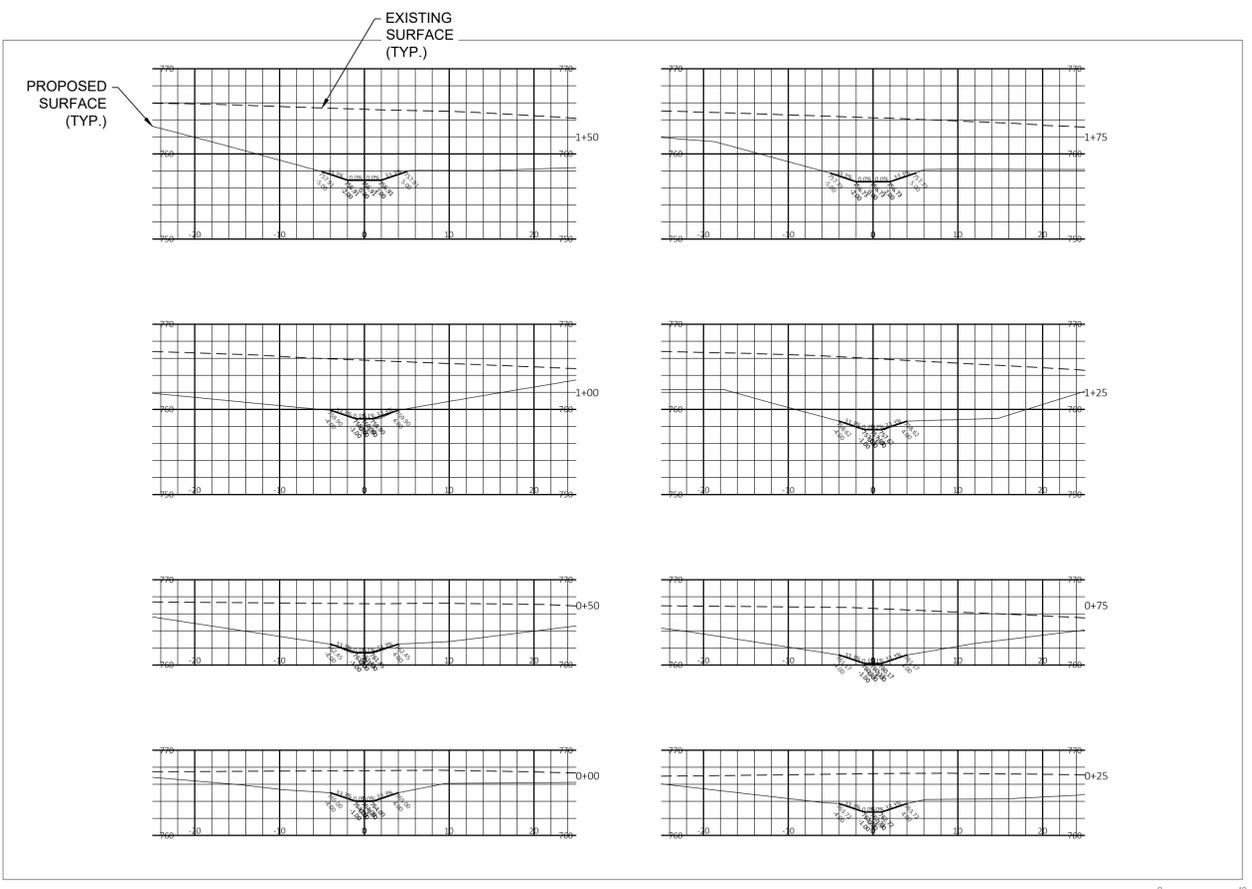
PROJECT LOCATION: 13105 WATERTOWN PLANK RD.
ELM GROVE, WI 53122

REVISIONS	DATE	DESCRIPTION

DRAWN BY: SES/RJT DATE: 07/20/2021
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SITE TITLE
WEST SWALE XS SHEET

C350



PROJECT TITLE: SCHOOL SISTERS OF NOTRE DAME DEVELOPMENT
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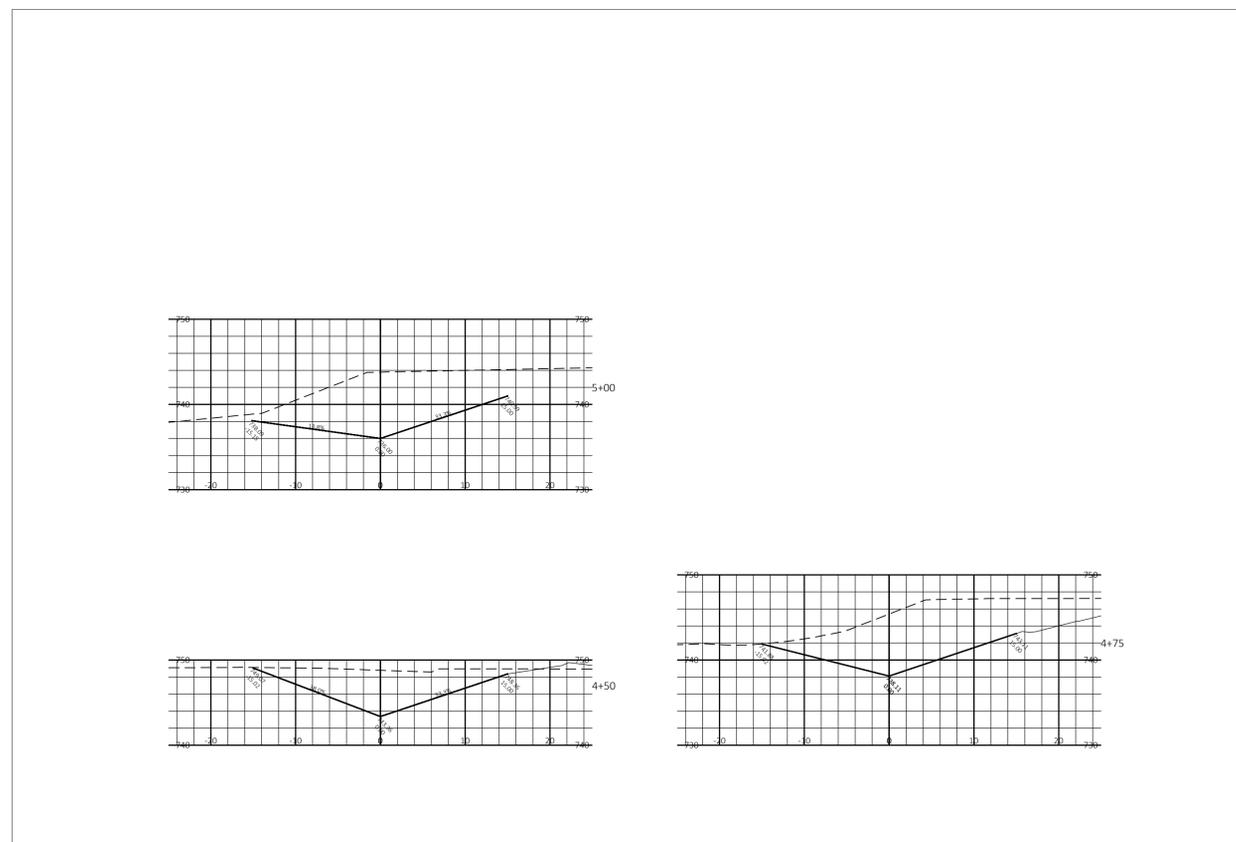
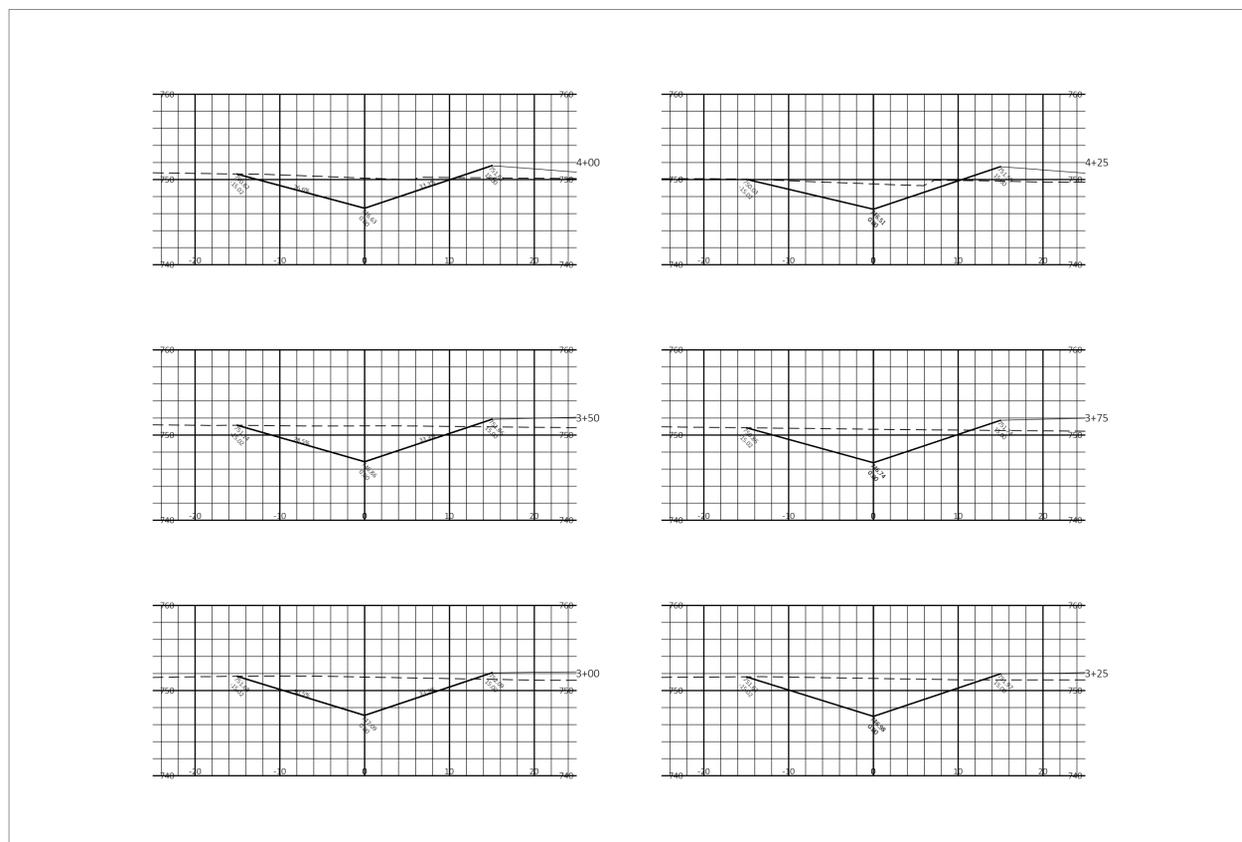
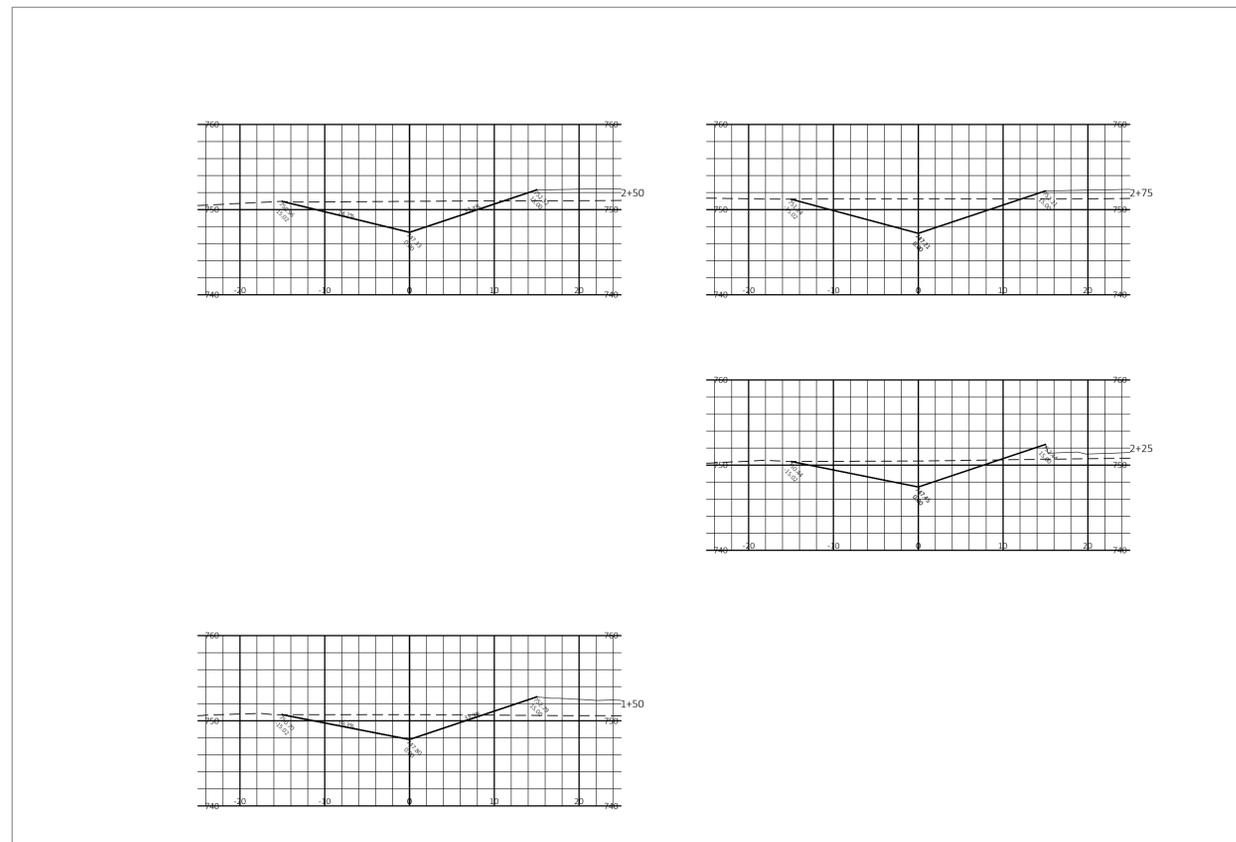
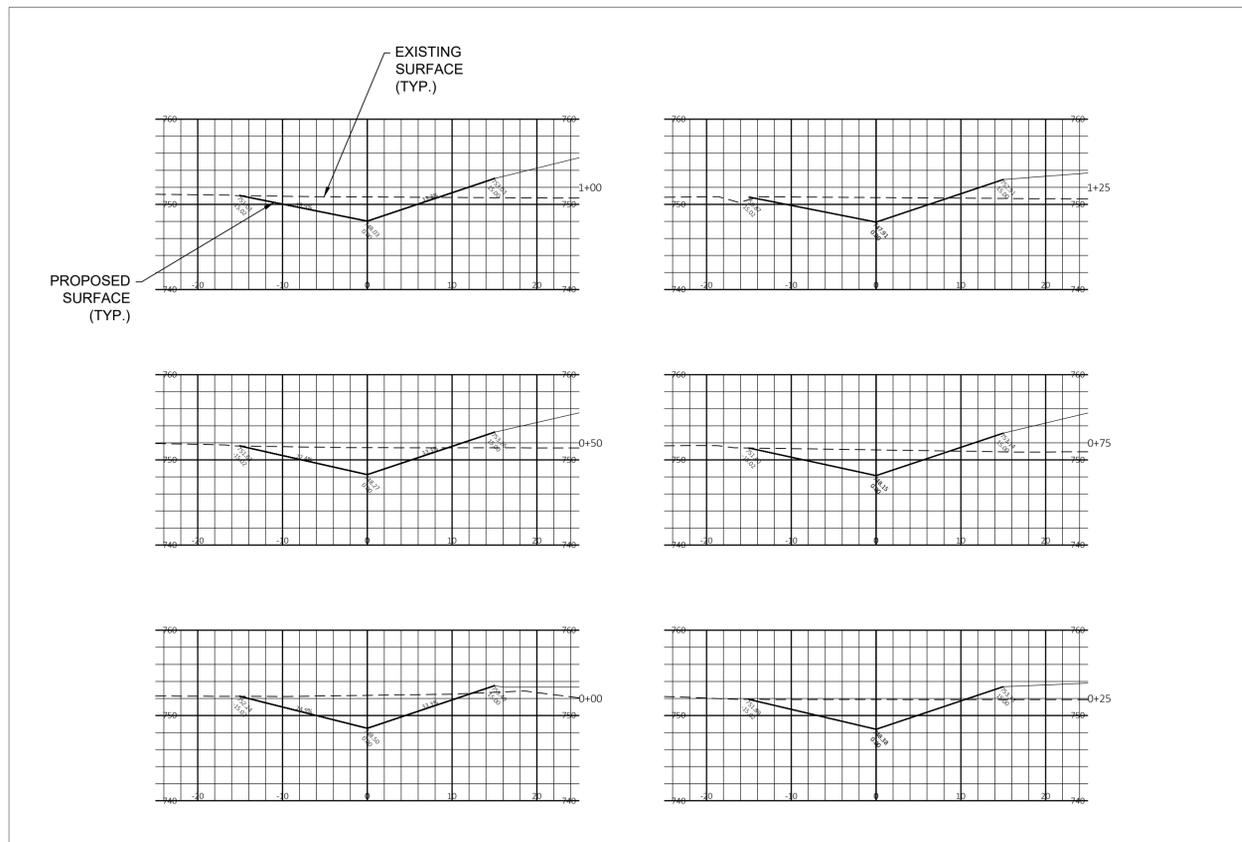
PROJECT LOCATION: 13105 WATERTOWN PLANK RD.
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REVISIONS	DATE	DESCRIPTION

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SITE TITLE
EAST SWALE XS SHEET

C351



PROJECT TITLE: SCHOOL SISTERS OF NOTRE DAME DEVELOPMENT
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CLIENT: MANDEL GROUP, INC.

PROJECT LOCATION: 13105 WATERTOWN PLANK RD.
ELM GROVE, WI 53122

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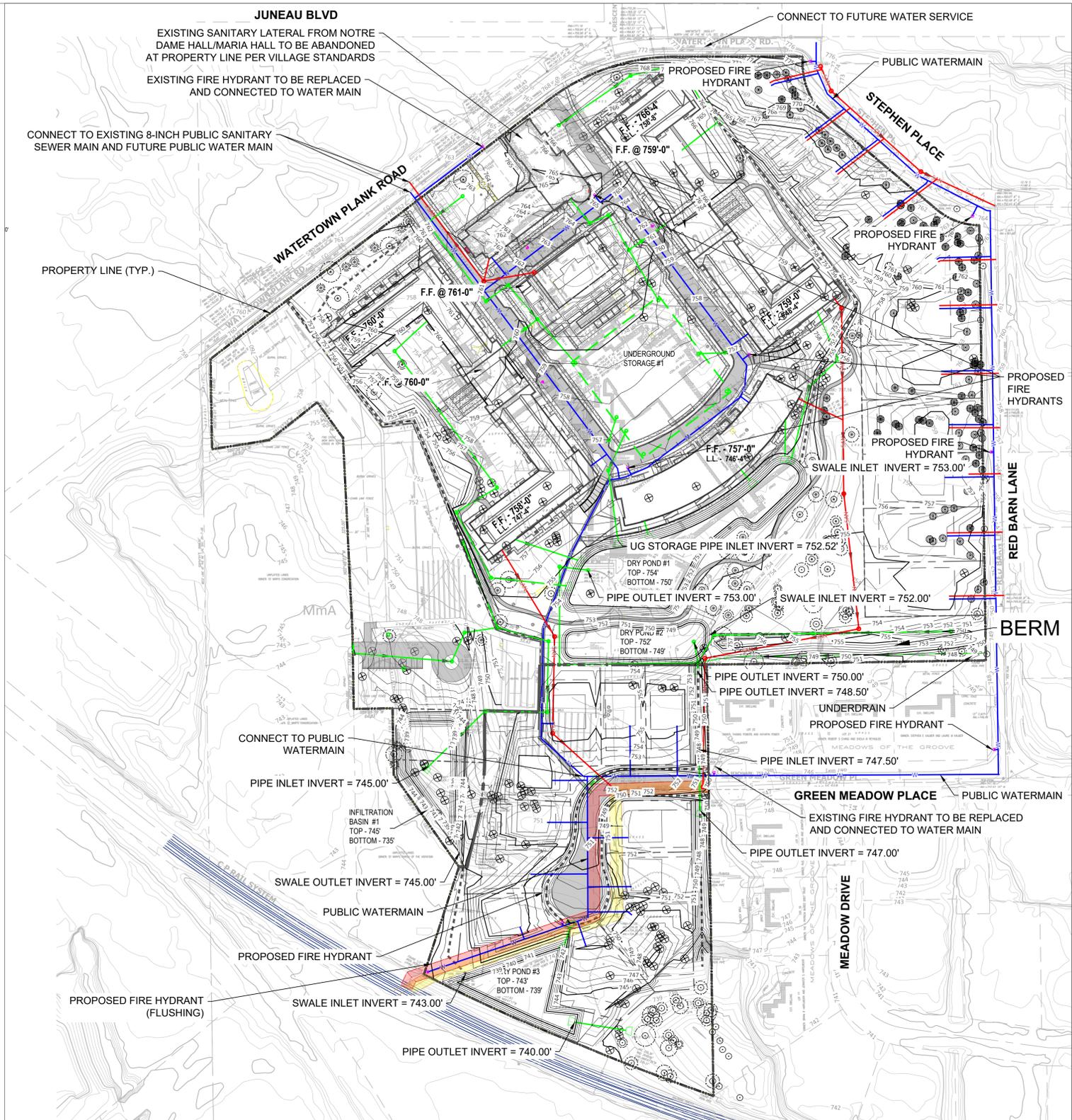
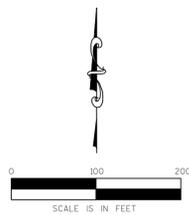
SITE TITLE
SOUTHERN HOMES EAST SWALE
XS SHEET

C352

- LEGEND**
- FLOW ARROW OF GRAVITY PIPE
 - SAN — PROPOSED SANITARY SEWER
 - SS — PROPOSED STORM SEWER
 - W — PROPOSED WATER MAIN
 - EX — EXISTING SANITARY (SOUTH BY EASEMENT ONLY)
 - EXISTING SANITARY EASEMENT
 - PROPOSED SANITARY EASEMENT SHIFT
 - FIRE HYDRANT
 - DRAINAGE DITCH

PIPE DATA TABLE (CONCEPT LEVEL - APPROXIMATE VALUES)			
UTILITY	SIZE (INCH)	TOTAL LENGTH (FT)	AVERAGE COVER (FT)
WATER (Within Property)	8	2798	6
WATER (Outside Property)	12	1839	6
WATER LATERAL (East Homes)	2	595	6
WATER LATERAL (Main Building)	6	133	6
HYDRANT LEAD	6	289	6
SANITARY	8	586	8
SANITARY	10	1016	12
SANITARY LATERAL	6	1765	6
STORM	10	900	3
STORM	12	2149	3
STORM	15	433	3
STORM	18	50	3
STORM	24	1059	2
STORM	36	346	2
TOTAL WATER LF	-	5654	-
TOTAL SANITARY LF	-	3367	-
TOTAL STORM LF	-	4937	-

- NOTES:**
- STORM PIPING LENGTHS DO NOT INCLUDE PERIMETER PIPING AROUND BUILDINGS FOR ROOF DRAINAGE.
 - STORM PIPING LENGTHS DO NOT INCLUDE DRIVEWAY CULVERT PIPING LENGTHS FOR SOUTHERN NEIGHBORHOOD OR EASTERN HOUSES.
 - SANITARY AND WATER LATERALS FOR SOUTHERN NEIGHBORHOOD NOT INCLUDED.



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