

**GENERAL**

1. THE LOCATION OF ALL STRUCTURES, OBSTACLES, AND EXISTING FACILITIES SHALL NOT BE TAKEN AS CONCLUSIVE. IT SHALL BE ASSUMED THAT THE CONTRACTOR HAS VERIFIED SAID LOCATIONS AS A CONDITION OF HIS BID AND THEREFORE THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES RESULTING FROM HIS ACTIVITIES.

2. REFER TO PLAT OF SURVEY BY CHAPUT LAND SURVEYS FOR INFORMATION ON COORDINATES AND SURVEY CONTROL.

3. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS NECESSARY TO CARRY OUT THE WORK.

4. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE OWNER A LIST OF ALL MATERIALS PROPOSED TO BE USED PRIOR TO ORDERING OR DELIVERY.

5. ALL CONTRACTORS SHALL HAVE A COMPETENT FOREMAN, SUPERINTENDENT, OR OTHER REPRESENTATIVE AT THE SITE AT ALL TIMES WHO HAS AUTHORITY TO ACT FOR THE CONTRACTOR.

6. A PRE CONFERENCE WILL BE HELD PRIOR TO CONSTRUCTION START UP.

7. CONTRACTORS SHALL BE RESPONSIBLE FOR ADEQUATELY BARRICADING AREAS AND ERECTING A CONSTRUCTION FENCE AROUND THE PERIMETER OF THE SITE OF CONSTRUCTION TO PROTECT AGAINST PERSONAL INJURY AS WELL AS WARN TRAFFIC OF THE CONSTRUCTION SITE WHERE NECESSARY. SIGNING SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) MOST RECENT VERSION WITH WISDOT SUPPLEMENT. ALL OTHER SIGNS MUST BE PRE-APPROVED BY OWNER.

8. ALL DIMENSIONS ARE TO THE EDGE OF FACE OF CURB, PAVEMENT, FACE OF BUILDING OR PROJECT WORK LIMIT LINE UNLESS OTHERWISE NOTED.

9. ALL ROAD AND PAVING CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION - CURRENT EDITION, HEREIN REFERRED TO AS THE STANDARD SPECIFICATIONS, EXCEPT AS MODIFIED HEREIN.

10. WHERE SPECIFIC PORTIONS OF THESE PLANS & SPECIFICATIONS ARE IN CONFLICT WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, CURRENT EDITION, THESE PLANS & SPECIFICATIONS SHALL GOVERN.

11. CONTRACTOR TO COORDINATE WITH MUNICIPALITY FOR STREET EXCAVATION AND IS RESPONSIBLE FOR ANY PERMITTING ASSOCIATED WITH THE WORK.

12. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS (VERTICALLY AND HORIZONTALLY) PRIOR TO CONSTRUCTION.

**GRADING**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTING THE PROPOSED GRAVEL PARKING LOT, CONCRETE SURFACE AND EROSION CONTROL DEVICES TO THE PROPOSED GRADE ELEVATIONS AND LOCATIONS SHOWN ON THE GRADING PLAN.

2. THE CONTRACTOR SHALL STRIP AND REMOVE TOPSOIL FOUND WITHIN THE GRADING LIMITS. GRADE LANDSCAPE AREAS LOW TO ALLOW FOR PLACEMENT OF TOPSOIL, SEED, MULCH AND PLANTINGS BY LANDSCAPE CONTRACTOR PER THE LANDSCAPE SPECIFICATIONS AND PLANS.

3. THE BASE COURSE SHALL BE PLACED ONLY ON SUB GRADE THAT HAS BEEN PROOF-ROLLED.

4. GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING PROPERTY CORNERS AND PERTINENT AREAS WITHIN ALL EASEMENTS.

**PAVING**

1. THE PAVING CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING THE CRUSHED STONE BASE ON THE SURFACES TO THE DEPTHS INDICATED.

2. PORTLAND CEMENT CONCRETE AREAS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 415 AND 416 OF THE STANDARD SPECIFICATIONS. THE 28-DAY STRENGTH OF THE CONCRETE SHALL BE 5,000 PSI WITH 6% ENTRAINED (± 1.5%). THE MAXIMUM JOINT SPACING SHALL BE 12 FEET WITH THE JOINTS BEING SEALED, MATCHED TO SPECIFICATIONS, AFTER CUTTING TO RETARD FUTURE WATER PROBLEMS. EXPANSION JOINTS SHALL BE INSTALLED AT 100-FOOT INTERVALS.

3. AFTER COMPLETION OF THE SITE PAVING, THE PAVING CONTRACTOR SHALL PAINT THE PARKING LINES AS SHOWN ON THE PLANS IN ACCORDANCE WITH SECTION 646 OF THE STANDARD SPECIFICATIONS. PAINT HANDICAP PARKING STALLS TO CONFORM TO AMERICAN WITH DISABILITIES ACT (ADA) STANDARDS.

**HATCHING PATTERNS**

-  STABILIZED CONSTRUCTION ENTRANCE
-  STAGING AND STOCKPILE AREA
-  SEED & EROSION MAT
-  LANDSCAPING

**ABBREVIATIONS**

- AGG - AGGREGATE
- B/C - BACK OF CURB
- BIT - BITUMINOUS/ASPHALT
- BOC - BACK OF CURB
- CE - COMMERCIAL ENTRANCE
- CIP - CAST IRON PIPE
- CO - CLEANOUT
- CONC - CONCRETE
- CMP - CORRUGATED METAL PIPE
- CSP - CONCRETE SEWER PIPE
- DIA - DIAMETER
- DIP - DUCTILE IRON PIPE
- EMD - ELECTRICAL MANHOLE DRAIN
- EXTG - EXISTING
- EOP - EDGE OF PAVEMENT
- F&C - FRAME AND COVER
- F/C - FACE OF CURB
- F-F - FACE TO FACE
- F/G - FINISHED GRADE
- FES - FLARED END SECTION
- INV - INVERT
- L - LENGTH OF CURVE
- LF - LINEAR FT
- LT - LEFT
- NG - NATURAL GAS
- OH - OVERHEAD UTILITY
- PC - POINT OF CURVATURE
- PE - POLYETHYLENE PIPE
- PI - POINT OF INTERSECTION
- PL - PROPERTY LINE
- PT - POINT OF TANGENCY
- PVC - POLYVINYL CHLORIDE PIPE
- PVI - POINT OF VERTICAL INTERSECTION
- R - RADIUS
- RCP - REINFORCED CONCRETE PIPE
- RIM - TOP OF CASTING ELEVATION
- ROW - RIGHT OF WAY
- RT - RIGHT
- SAN - SANITARY SEWER
- SS - STORM SEWER
- SD - SUMP DISCHARGE
- T/C - TOP OF CURB
- TW - TOP OF WALL
- UD - UNDERDRAIN
- VC - VERTICAL CURVE
- WDNR - WISCONSIN DEPARTMENT OF NATURAL RESOURCES

**INDEX OF SHEETS**

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- C110 - EROSION CONTROL PLAN
- C111 - EROSION CONTROL DETAILS
- C200 - SITE PLAN
- C300 - GRADING PLAN

\*PLAT OF SURVEY BY CHAPUT LAND SURVEYS

**UTILITY CONTACTS**  
CITY OF WAUKESHA WATER UTILITY  
262-521-5272

CITY OF WAUKESHA ENGINEERING  
262-524-3600

**WE ENERGIES**  
EMERGENCY CONTACT  
1-800-261-5325

**LEGEND**

- | EXISTING  | PROPOSED                                      |
|---|---|
|    | ○ INDICATES FOUND 1" IRON PIPE                |
|    | ○ INDICATES SET 1" IRON PIPE                  |
|    | + INDICATES FOUND CHISELED CROSS              |
|    | ⊙ SANITARY MANHOLE                            |
|    | ◇ SANITARY CLEANOUT OR VENT                   |
|    | ⊙ M.I.S. MANHOLE                              |
|    | ⊙ UNKNOWN MANHOLE                             |
|    | ⊙ STORM MANHOLE                               |
|    | ● INLET (ROUND)                               |
|    | ■ INLET (SQUARE)                              |
|    | ▣ CURB INLET                                  |
|    | ∩ STORM SEWER END SECTION                     |
|    | ⊠ GAS VALVE                                   |
|    | ⊙ GAS METER                                   |
|    | ⊗ WATER VALVE                                 |
|    | ⊕ HYDRANT                                     |
|    | ⊙ WATER MANHOLE                               |
|    | ⊙ WATER SERVICE CURB STOP                     |
|    | ⌋ WELL HEAD                                   |
|    | ⊖ STAND PIPE                                  |
|    | ⊕ WALL INDICATOR VALVE                        |
|    | ⌋ POST INDICATOR VALVE                        |
|    | ⊗ LIGHT POLE                                  |
|    | * SPOT/YARD LIGHT                             |
|    | ∅ UTILITY POLE                                |
|    | ⌋ GUY POLE                                    |
|    | ⌋ GUY WIRE                                    |
|    | ⊙ ELECTRIC MANHOLE                            |
|    | ⊙ ELECTRIC PEDESTAL                           |
|    | ⊙ ELECTRIC METER                              |
|    | ⊙ TELEPHONE MANHOLE                           |
|    | ⊙ TELEPHONE PEDESTAL                          |
|  | ⊙ CABLE PEDESTAL                              |
|  | ⊙ CONTROL BOX                                 |
|  | ⊙ FIBER OPTIC SIGN                            |
|  | ⊕ TRAFFIC LIGHT                               |
|  | ⊙ COMMUNICATION MANHOLE                       |
|  | ⊙ BOLLARD                                     |
|  | + SOIL BORING/MONITORING WELL                 |
|  | ∇ WATER SURFACE                               |
|  | ◆ WETLANDS FLAG                               |
|  | ⌋ MARSH                                       |
|  | ⌋ FLAGPOLE                                    |
|  | ⊙ PARKING METER                               |
|  | ⌋ SIGN  |
|  | ⊙ MAILBOX                                     |
|  | ⌋ RAILROAD CROSSING SIGNAL                    |
|  | ⊙ HANDICAP SPACE                              |
|  | ⌋ CONIFEROUS TREE                             |
|  | ⊙ DECIDUOUS TREE                              |
|  | 82.3 CONTOUR                                  |
|  | x 821.25 ELEVATION CALL OUT                   |
|  | ⊙ CAUTION SYMBOL                              |
|  | ⊗ INLET PROTECTION                            |
|  | X REMOVE TREE                                 |
|  | —S— SANITARY SEWER                            |
|  | —SS— STORM SEWER                              |
|  | --- WATERLINE                                 |
|  | —G— MARKED GAS MAIN                           |
|  | —E— MARKED ELECTRIC                           |
|  | —OH— OVERHEAD WIRES                           |
|  | —T— MARKED TELEPHONE                          |
|  | —TV— MARKED CABLE TV LINE                     |
|  | —FO— MARKED FIBER OPTIC                       |
|  | —F— FENCE                                     |
|  | -X-X-X-X-X-X-X-X-X-X-X-X-X-X- REMOVE UTILITY  |
|  | -A-A-A-A-A-A-A-A-A-A-A-A-A-A- ABANDON UTILITY |
|  | —S— SILT FENCE                                |
|  | —XXXXXX— SAWCUT PAVEMENT                      |

**NOTE:**  
**THIS IS STANDARD LEGEND. NOT ALL OF THE INFORMATION SHOWN ON THIS LEGEND IS NEEDED IN THESE CONTRACT DRAWINGS.**

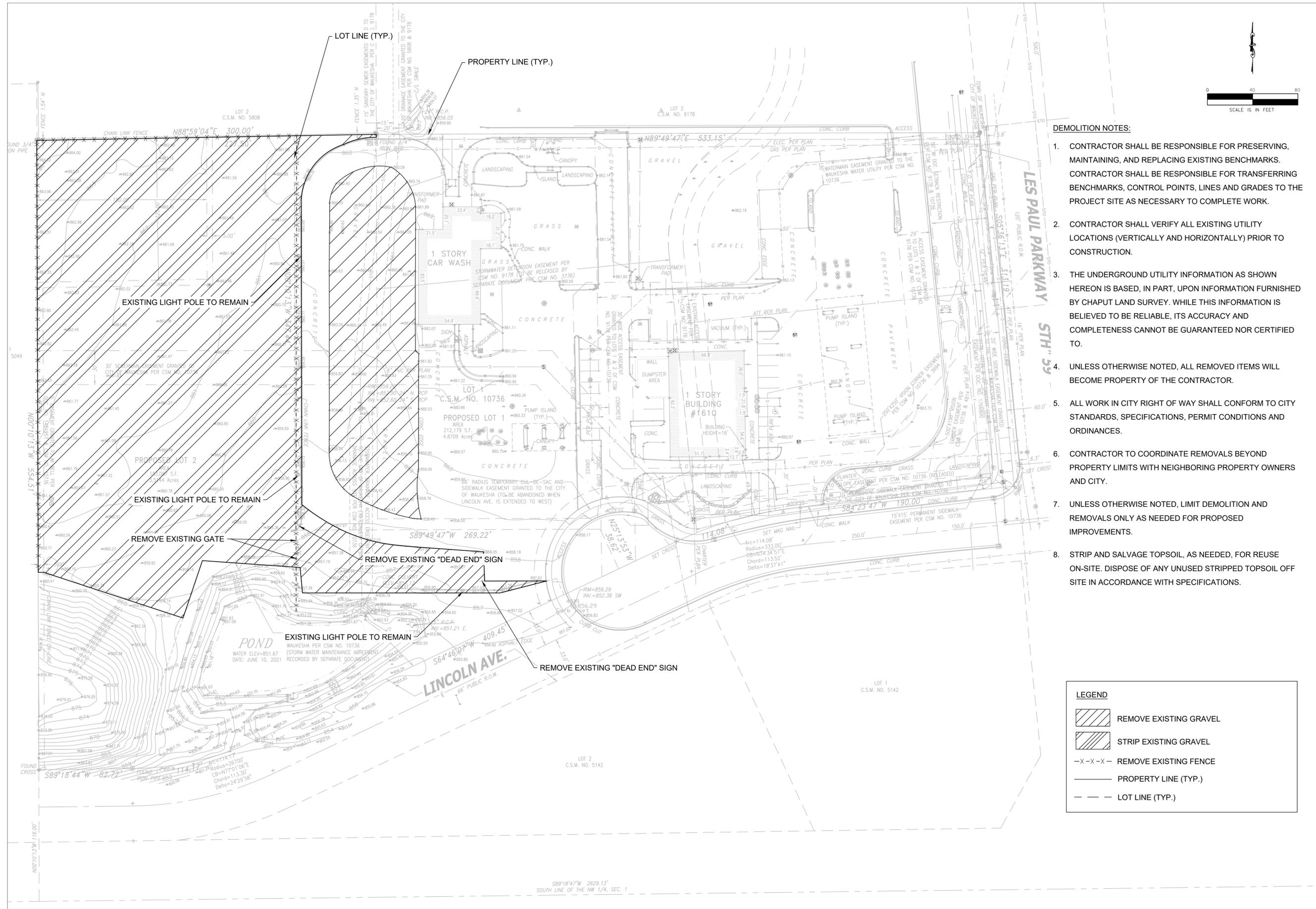
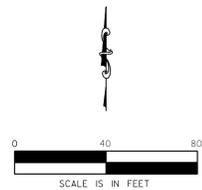
PROJECT TITLE: LINCOLN AVE SITE PLAN

CLIENT: MR. DEL SINGH

PROJECT LOCATION: 1610 LINCOLN AVE, WAUKESHA, WI

REVISIONS	DATE	DESCRIPTION
DRAWN BY S. BHANDARI / R. TOY		DATE 07/02/2021
CHECKED BY A. SINGH		DATE 07/02/2021
SHEET TITLE <b>GENERAL NOTES</b>		

**C001**



**DEMOLITION NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING, MAINTAINING, AND REPLACING EXISTING BENCHMARKS. CONTRACTOR SHALL BE RESPONSIBLE FOR TRANSFERRING BENCHMARKS, CONTROL POINTS, LINES AND GRADES TO THE PROJECT SITE AS NECESSARY TO COMPLETE WORK.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS (VERTICALLY AND HORIZONTALLY) PRIOR TO CONSTRUCTION.
3. THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY CHAPUT LAND SURVEY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
4. UNLESS OTHERWISE NOTED, ALL REMOVED ITEMS WILL BECOME PROPERTY OF THE CONTRACTOR.
5. ALL WORK IN CITY RIGHT OF WAY SHALL CONFORM TO CITY STANDARDS, SPECIFICATIONS, PERMIT CONDITIONS AND ORDINANCES.
6. CONTRACTOR TO COORDINATE REMOVALS BEYOND PROPERTY LIMITS WITH NEIGHBORING PROPERTY OWNERS AND CITY.
7. UNLESS OTHERWISE NOTED, LIMIT DEMOLITION AND REMOVALS ONLY AS NEEDED FOR PROPOSED IMPROVEMENTS.
8. STRIP AND SALVAGE TOPSOIL, AS NEEDED, FOR REUSE ON-SITE. DISPOSE OF ANY UNUSED STRIPPED TOPSOIL OFF SITE IN ACCORDANCE WITH SPECIFICATIONS.

LEGEND	
	REMOVE EXISTING GRAVEL
	STRIP EXISTING GRAVEL
	REMOVE EXISTING FENCE
	PROPERTY LINE (TYP.)
	LOT LINE (TYP.)

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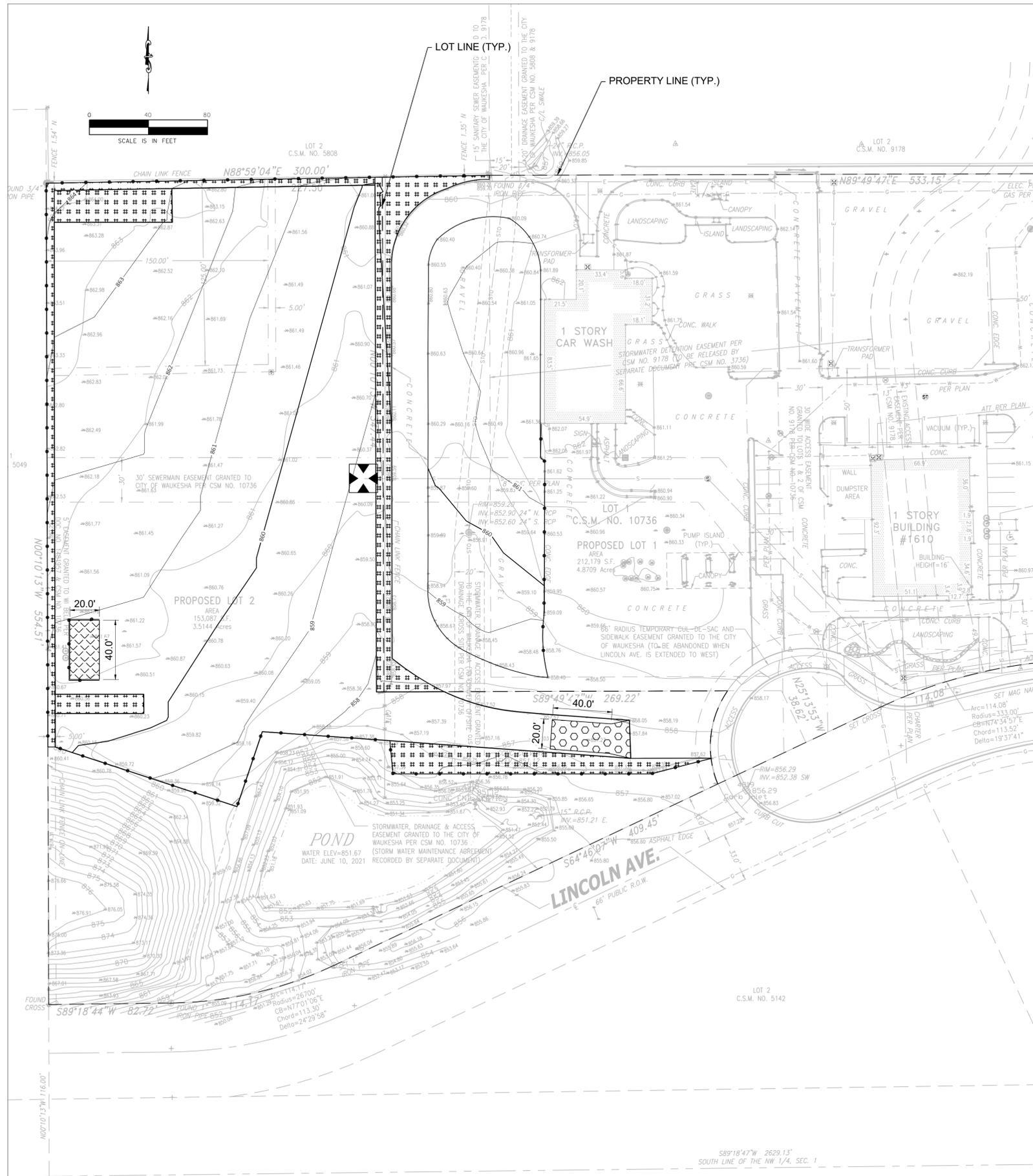
PROJECT LOCATION: 1610 LINCOLN AVE, WAUKESHA, WI

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DRAWN BY S. BHANDARI / R. TOY	DATE 07/02/2021
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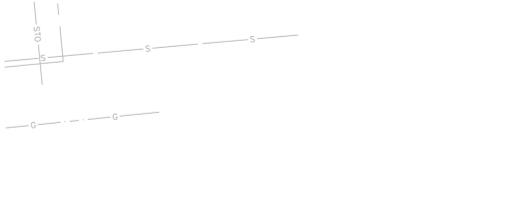
SHEET TITLE  
**DEMOLITION PLAN**

**C100**



- CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF WAUKESHA 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](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 CONTRACTOR.
- INSPECT AND MAINTAIN ALL INSTALLED EROSION CONTROL PRACTICES UNTIL CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- SILT FENCE OR FILTER SOCK 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.
- CONSTRUCTION SEQUENCE FOR EROSION CONTROL INCLUDES:
  - INSTALL SILT FENCE OR FILTER SOCK.
  - INSTALL INLET PROTECTION ON EXISTING STORM INLETS.
  - INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT. STRIP TOPSOIL, REMOVE AND/OR STOCKPILE.
  - PERFORM ROUGH GRADING.
  - INSTALL INLET PROTECTION.
  - 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 CITY OF WAUKESHA/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.

- 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.
- FOR NON-CANNELIZED FLOW ON DISTURBED OR CONSTRUCTED SLOPES, PROVIDE CLASS 1 TYPE B EROSION CONTROL MATTING. SELECT EROSION MATTING FROM APPROPRIATE MATRIX IN WISDOT'S PRODUCT ACCEPTABILITY LIST (PAL); INSTALL AND MAINTAIN PER WDNR TECHNICAL STANDARD #1052 NON-CHANNEL EROSION MAT.
- MAKE PROVISIONS FOR WATERING DURING THE FIRST 8 WEEKS FOLLOWING SEEDING OR PLANTING OF DISTURBED AREAS WHENEVER MORE THAN 7 CONSECUTIVE DAYS OF DRY WEATHER OCCUR.
- INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES (SUCH AS TEMPORARY SEDIMENT BASINS, DITCH CHECKS, EROSION CONTROL MATTING, SILT FENCING, FILTER SOCKS, WATTLES, SWALES, ETC.) AS NEEDED OR AS DIRECTED BY CITY OF WAUKESHA.
- CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE WDNR REMEDIATION AND WASTE MANAGEMENT REQUIREMENTS FOR HANDLING AND DISPOSING OF CONTAMINATED MATERIALS. SITE-SPECIFIC INFORMATION FOR AREAS WITH KNOWN OR SUSPECTED SOIL AND/OR GROUNDWATER CONTAMINATION CAN BE FOUND ON WDNR'S BUREAU OF REMEDIATION AND REDEVELOPMENT TRACKING SYSTEM (BRRTS) PUBLIC DATABASE AT <http://dnr.wi.gov/topic/brownfields/botw.html>
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING PROPERTY CORNERS AND PERTINENT AREAS WITHIN ALL EASEMENTS.
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL EROSION CONTROL DEVICES SHOWN ON THE PLANS IN ACCORDANCE WITH THE WDNR BEST MANAGEMENT PRACTICES.
- PARKING LOTS AND DRIVES SHALL BE CLEANED DAILY AS NEEDED. STREET SWEEPING SHALL BE COMPLETED TO MAINTAIN THE PUBLIC STREET FREE OF DUST AND DIRT.
- CONTRACTOR SHALL SEED & MULCH ALL DISTURBED AREAS WITHIN 7 DAYS.



**LEGEND**

	SEED AND EROSION MAT	2	C111
	SILT FENCE/FILTER SOCK	3	C111
	INLET PROTECTION, TYPE D	4	C111
	STAGING & STOCKPILE AREA	1	C111
	STABILIZED CONSTRUCTION ENTRANCE	5	C111

CONSULTANT

CONSULTANT

PROJECT TITLE: LINCOLN AVE SITE PLAN

CLIENT: MR. DEL SINGH

PROJECT LOCATION: 1610 LINCOLN AVE, WAUKESHA, WI

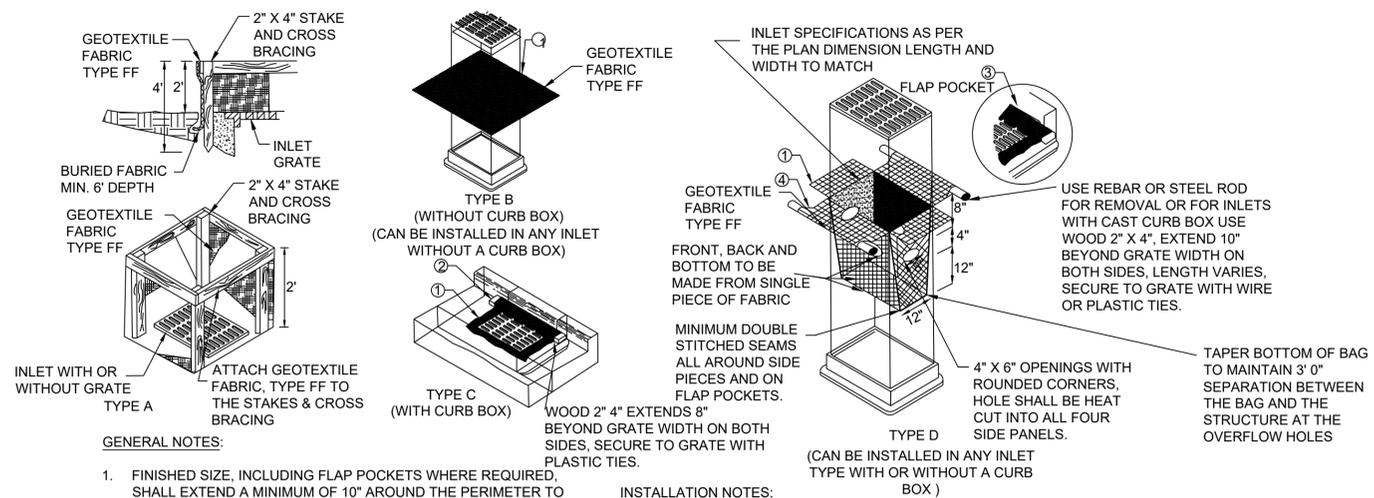
REVISIONS	DATE	DESCRIPTION

DRAWN BY: S. BHANDARI / R. TOY DATE: 07/02/2021  
 CHECKED BY: A. SINGH DATE: 07/02/2021

SHEET TITLE

**EROSION CONTROL PLAN**

**C110**



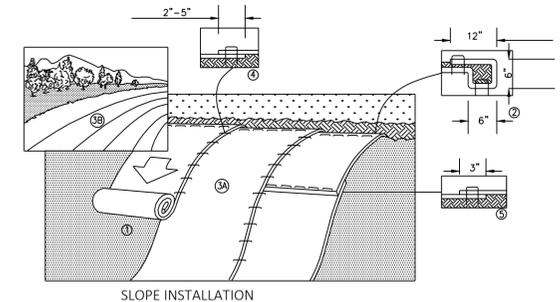
**GENERAL NOTES:**

1. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
2. 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.
3. 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.
4. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
5. INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
6. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
7. 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**
1. TYPE FF GEOTEXTILE FABRIC (EXTEND FABRIC A MINIMUM OF 10" AROUND GRATE PERIMETER FOR MAINTENANCE OR REMOVAL.
  2. 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**
1. 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.
  2. 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.

**1** INLET PROTECTION  
C111 NTS

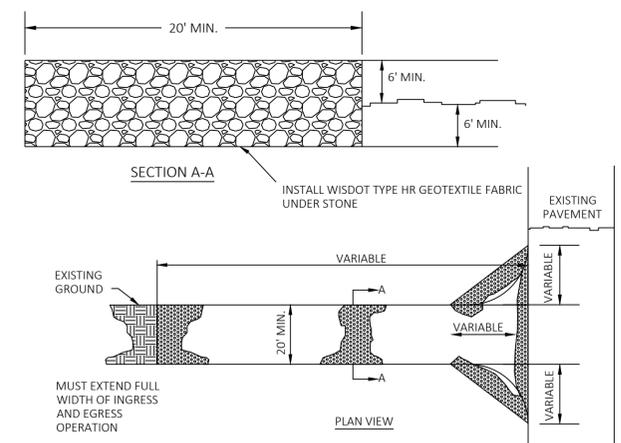


1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15CM) DEEP X 6" (15CM) WIDE TRENCH WITH APPROXIMATELY 12" (30CM) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. 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.
3. 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.
4. 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.
5. CONSECUTIVE BLANKETS SPLICED 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:**

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. IN LOOSE SOIL CONDITIONS THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15CM) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

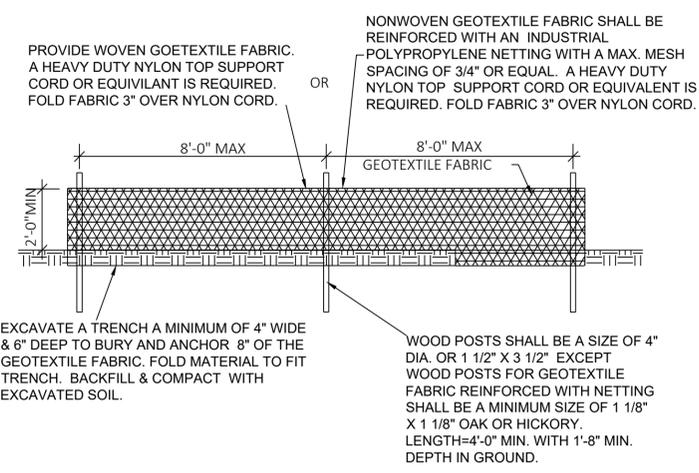
**2** EROSION MAT INSTALLATION  
C111 NTS



**NOTES:**

1. TRACKING MATS SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
2. STONE - CLEAR OR WASHED (3"-6" SHALL BE PLACED AT LEAST 12" DEEP OVER THE LENGTH AND WIDTH OF ENTRANCE).
3. 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.

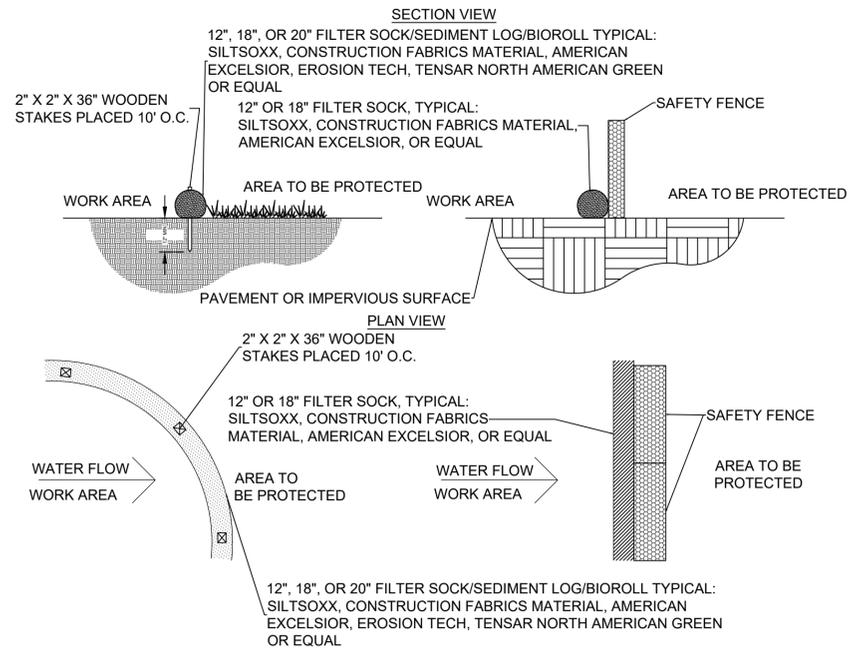
**5** STABILIZED CONSTRUCTION ENTRANCE  
C111 NTS



**NOTES:**

1. 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.
2. ATTACH THE FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH AND NAILS.

**3** SILT FENCE  
C111 NTS



**4** FILTER SOCK  
C111 NTS

PROJECT TITLE: LINCOLN AVE SITE PLAN  
CLIENT: MR. DEL SINGH

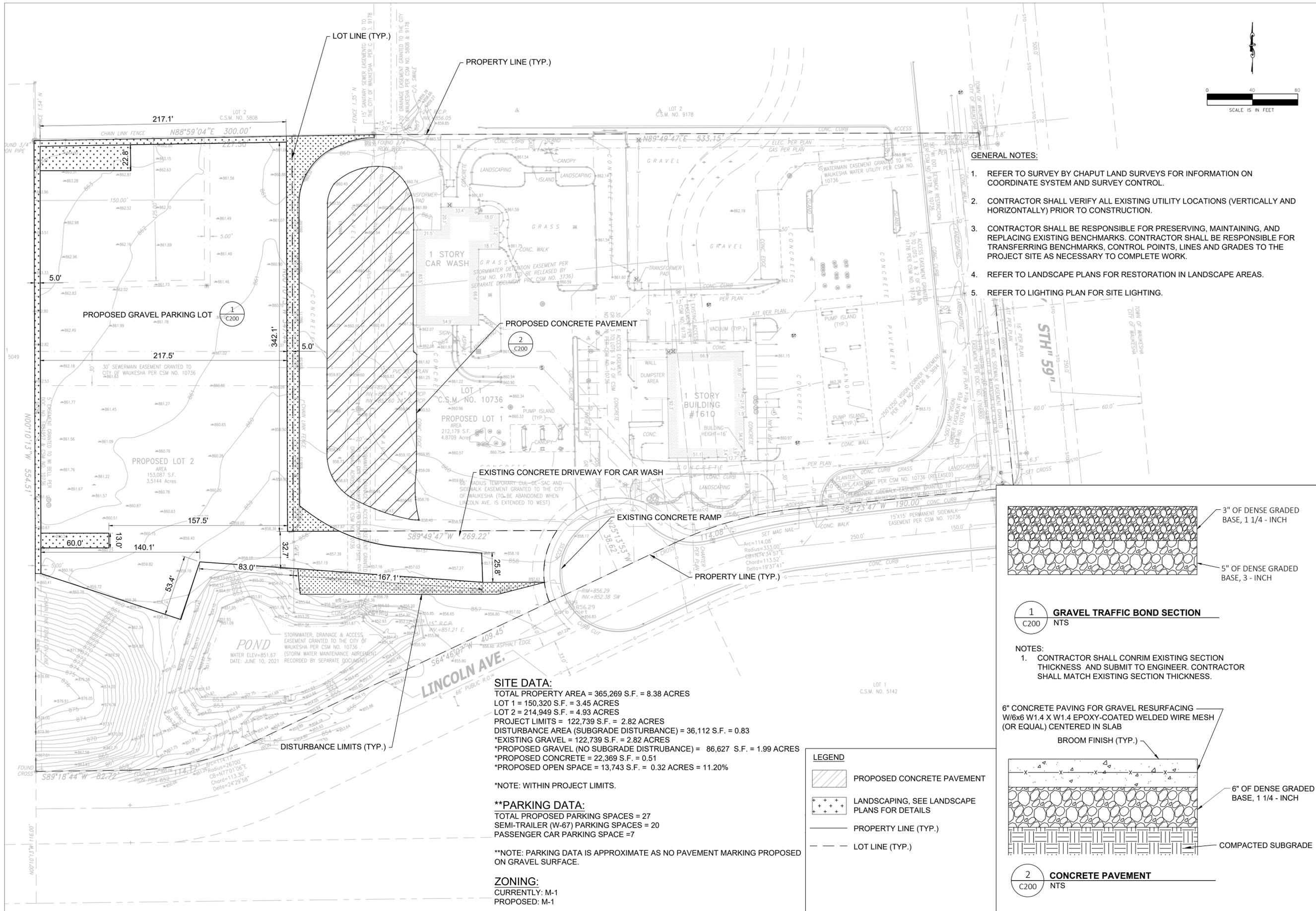
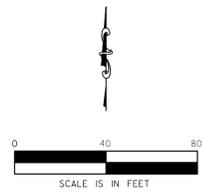
PROJECT LOCATION: 1610 LINCOLN AVE, WAUKESHA, WI

REVISIONS	DATE	DESCRIPTION

SHEET TITLE

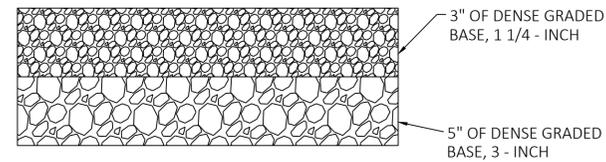
**EROSION CONTROL DETAILS**

**C111**



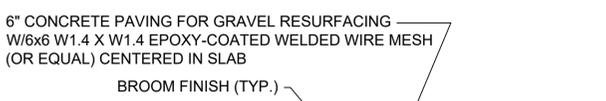
**GENERAL NOTES:**

1. REFER TO SURVEY BY CHAPUT LAND SURVEYS FOR INFORMATION ON COORDINATE SYSTEM AND SURVEY CONTROL.
2. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS (VERTICALLY AND HORIZONTALLY) PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING, MAINTAINING, AND REPLACING EXISTING BENCHMARKS. CONTRACTOR SHALL BE RESPONSIBLE FOR TRANSFERRING BENCHMARKS, CONTROL POINTS, LINES AND GRADES TO THE PROJECT SITE AS NECESSARY TO COMPLETE WORK.
4. REFER TO LANDSCAPE PLANS FOR RESTORATION IN LANDSCAPE AREAS.
5. REFER TO LIGHTING PLAN FOR SITE LIGHTING.



**1**  
C200  
**GRAVEL TRAFFIC BOND SECTION**  
NTS

- NOTES:**
1. CONTRACTOR SHALL CONIRM EXISTING SECTION THICKNESS AND SUBMIT TO ENGINEER. CONTRACTOR SHALL MATCH EXISTING SECTION THICKNESS.



**2**  
C200  
**CONCRETE PAVEMENT**  
NTS

**SITE DATA:**  
 TOTAL PROPERTY AREA = 365,269 S.F. = 8.38 ACRES  
 LOT 1 = 150,320 S.F. = 3.45 ACRES  
 LOT 2 = 214,949 S.F. = 4.93 ACRES  
 PROJECT LIMITS = 122,739 S.F. = 2.82 ACRES  
 DISTURBANCE AREA (SUBGRADE DISTURBANCE) = 36,112 S.F. = 0.83  
 \*EXISTING GRAVEL = 122,739 S.F. = 2.82 ACRES  
 \*PROPOSED GRAVEL (NO SUBGRADE DISTURBANCE) = 86,627 S.F. = 1.99 ACRES  
 \*PROPOSED CONCRETE = 22,369 S.F. = 0.51  
 \*PROPOSED OPEN SPACE = 13,743 S.F. = 0.32 ACRES = 11.20%

\*NOTE: WITHIN PROJECT LIMITS.

**\*\*PARKING DATA:**  
 TOTAL PROPOSED PARKING SPACES = 27  
 SEMI-TRAILER (W-67) PARKING SPACES = 20  
 PASSENGER CAR PARKING SPACE = 7

\*NOTE: PARKING DATA IS APPROXIMATE AS NO PAVEMENT MARKING PROPOSED ON GRAVEL SURFACE.

**ZONING:**  
 CURRENTLY: M-1  
 PROPOSED: M-1

- LEGEND**
- PROPOSED CONCRETE PAVEMENT
  - LANDSCAPING, SEE LANDSCAPE PLANS FOR DETAILS
  - PROPERTY LINE (TYP.)
  - LOT LINE (TYP.)

PROJECT TITLE: LINCOLN AVE SITE PLAN

CLIENT: MR. DEL SINGH

PROJECT LOCATION: 1610 LINCOLN AVE, WAUKESHA, WI

REVISIONS	DATE	DESCRIPTION

DRAWN BY S. BHANDARI / R. TOY	DATE 07/02/2021
CHECKED BY A. SINGH	DATE 07/02/2021

SHEET TITLE  
**SITE PLAN**

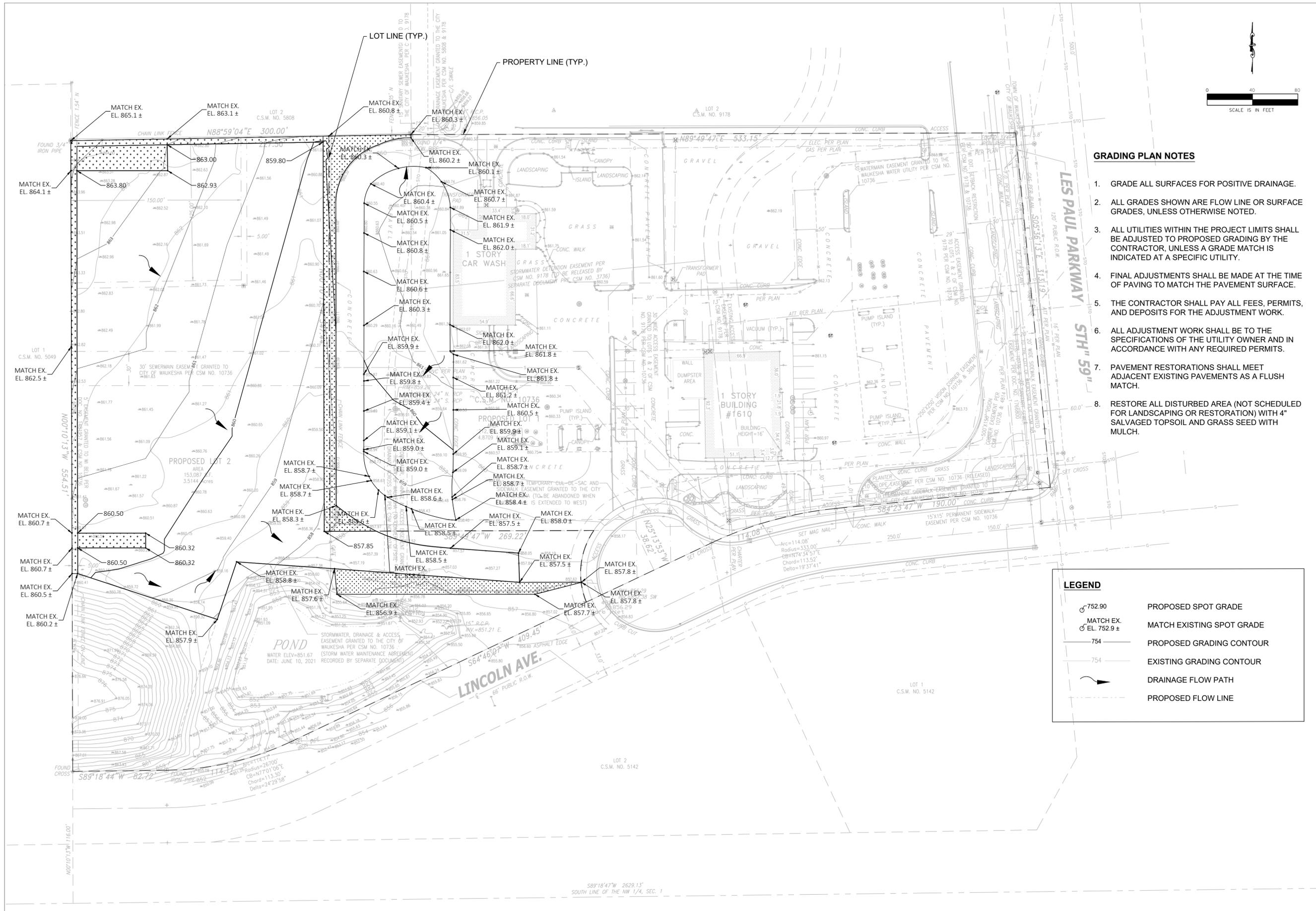
**C200**

REVISIONS	DATE	DESCRIPTION

DRAWN BY S. BHANDARI / R. TOY	DATE 07/02/2021
CHECKED BY A. SINGH	DATE 07/02/2021

SHEET TITLE  
**GRADING PLAN**

**C300**



**GRADING PLAN NOTES**

1. GRADE ALL SURFACES FOR POSITIVE DRAINAGE.
2. ALL GRADES SHOWN ARE FLOW LINE OR SURFACE GRADES, UNLESS OTHERWISE NOTED.
3. ALL UTILITIES WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO PROPOSED GRADING BY THE CONTRACTOR, UNLESS A GRADE MATCH IS INDICATED AT A SPECIFIC UTILITY.
4. FINAL ADJUSTMENTS SHALL BE MADE AT THE TIME OF PAVING TO MATCH THE PAVEMENT SURFACE.
5. THE CONTRACTOR SHALL PAY ALL FEES, PERMITS, AND DEPOSITS FOR THE ADJUSTMENT WORK.
6. ALL ADJUSTMENT WORK SHALL BE TO THE SPECIFICATIONS OF THE UTILITY OWNER AND IN ACCORDANCE WITH ANY REQUIRED PERMITS.
7. PAVEMENT RESTORATIONS SHALL MEET ADJACENT EXISTING PAVEMENTS AS A FLUSH MATCH.
8. RESTORE ALL DISTURBED AREA (NOT SCHEDULED FOR LANDSCAPING OR RESTORATION) WITH 4" SALVAGED TOPSOIL AND GRASS SEED WITH MULCH.

**LEGEND**

- 752.90 PROPOSED SPOT GRADE
- MATCH EX. EL. 752.9 ± MATCH EXISTING SPOT GRADE
- 754 PROPOSED GRADING CONTOUR
- - - 754 EXISTING GRADING CONTOUR
- DRAINAGE FLOW PATH
- - - → PROPOSED FLOW LINE