

THE PRIDE OF KANE COUNTY 33W573 EAST MAIN STREET SAINT CHARLES, ILLINOIS 60174

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SURVEY DRAWING INDEX		
SHEET	DESCRIPTION	DATE
SUR-1	TOPOGRAPHIC SURVEY (PREPARED BY THE W-T GROUP)	03-12-19

BENCHMARKS:
 SITE BENCHMARK #1 - SET CROSS ON SSE BOLT OF HYDRANT LOCATED IN GRASS APPROXIMATELY 6.8' S OF EAST MAIN STREET AND 76.4' E OF M4 #6, AS SHOWN ON SHEET SUR-2. ELEVATION=104.79' (NAVD88)
 SITE BENCHMARK #2 - SET CROSS ON CONCRETE SIDEWALK LOCATED APPROXIMATELY 25.3' ESE OF KIRK ROAD AND 22.8' SWH OF ENTRANCE, AS SHOWN ON SHEET SUR-2. ELEVATION=104.23' (NAVD88)
 SITE BENCHMARK #3 - SET CROSS IN WALK LOCATED 39' EAST OF FOND AND 200 FEET SOUTH OF ROUTE 64 ON WEST SIDE OF DRIVE, AS SHOWN ON SHEET SUR-3. ELEVATION=104.12' (NAVD88)



SCALE 1"=1000'
 MAP DATA © 2019 6006LE
 SECTION 25
 TOWNSHIP 40N
 RANGE 8E

CIVIL ENGINEERING STATEMENT AND SEAL

I, TODD ABRAMS, P.E. DULY LICENSED IN THE STATE OF ILLINOIS BY THE DEPARTMENT OF TRANSPORTATION AND PROFESSIONAL REGULATION DO HEREBY STATE THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF DOES CONFORM TO THE APPLICABLE BUILDING CODES AND ORDINANCES, AND ARE IN COMPLIANCE WITH THE ENVIRONMENTAL BARRIERS ACT (IAC 140-1.0-2) AND THE ILLINOIS ACCESSIBILITY CODE (11 ILL. ADM. CODE 400).

DATE: 6-8-20
 TODD ABRAMS - ILLINOIS P.E. # 062-066600
 DATE OF EXPIRATION - NOVEMBER 30, 2021
 NOTE: SIGNED AND SEALED FOR SHEETS T-1.0 THROUGH C-7.1

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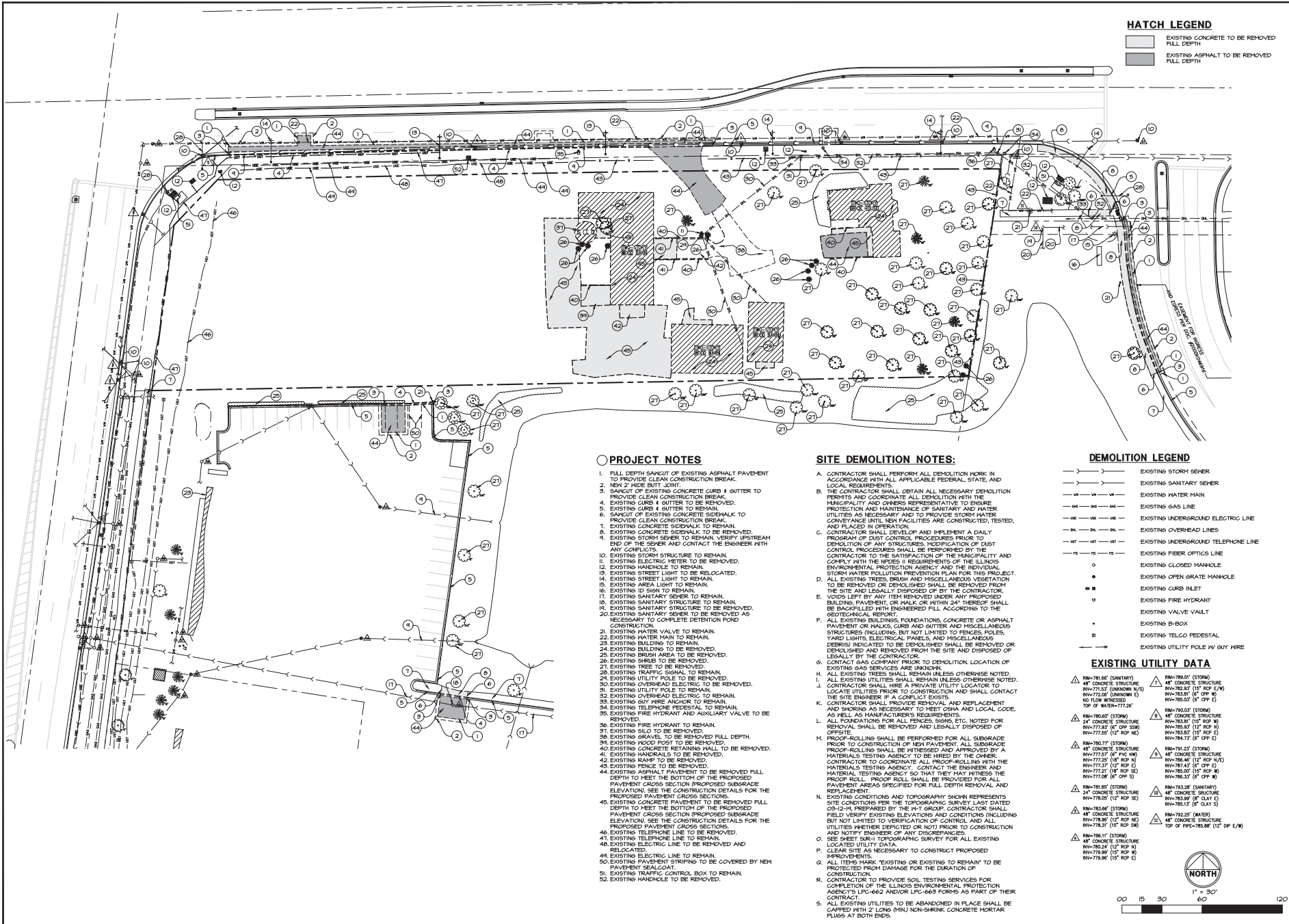
CONTRACTOR MUST LOCATE PRIVATE UTILITIES IN AREA OF CONSTRUCTION PRIOR TO PROCEEDING WITH WORK.

NOTE: TOTAL PROPERTY AREA: 2.31 ACRES
 NOTE: TOTAL DISTURBED AREA: 2.69 ACRES
 NOTE: ALL SURROUNDING PROPERTIES ARE COMMERCIAL LAND USE

ISSUE

TO	DATE
REV. SITE	8/19/19
REV. SITE	8/26/19
REV. SITE	1/13/20
REV. SITE	2/4/20
REV. SITE	2/11/20
REV. SITE	2/13/20
REV. SITE	6/8/20

CHECKED BY: _____
 DRAWN BY: TEP
 JOB: 1910803C



HATCH LEGEND

- EXISTING CONCRETE TO BE REMOVED FULL DEPTH
- ▨ EXISTING ASPHALT TO BE REMOVED FULL DEPTH

PROJECT NOTES

1. FULL DEPTH SAWCUT OF EXISTING ASPHALT PAVEMENT TO PROVIDE CLEAN CONSTRUCTION BREAK.
2. NEW 2" WIDE BUTT JOINT.
3. SAWCUT OF EXISTING CONCRETE CURB & GUTTER TO PROVIDE CLEAN CONSTRUCTION BREAK.
4. EXISTING CURB & GUTTER TO BE REMOVED.
5. EXISTING CONCRETE SIDEWALK TO REMAIN.
6. SAWCUT OF EXISTING CONCRETE SIDEWALK TO PROVIDE CLEAN CONSTRUCTION BREAK.
7. EXISTING CONCRETE SIDEWALK TO BE REMOVED.
8. EXISTING STORM SEWER TO REMAIN. VERIFY UPSTREAM END OF THE SEWER AND CONTACT THE ENGINEER WITH ANY CONFLICTS.
9. EXISTING STORM STRUCTURE TO REMAIN.
10. EXISTING ELECTRIC METER TO BE REMOVED.
11. EXISTING STREET LIGHT TO BE RELOCATED.
12. EXISTING HANDHOLE TO REMAIN.
13. EXISTING AREA LIGHT TO REMAIN.
14. EXISTING AREA LIGHT TO REMAIN.
15. EXISTING AREA LIGHT TO REMAIN.
16. EXISTING ID SIGN TO REMAIN.
17. EXISTING SANITARY SEWER TO REMAIN.
18. EXISTING SANITARY STRUCTURE TO REMAIN.
19. EXISTING SANITARY SEWER TO BE REMOVED AS NECESSARY TO COMPLETE DETENTION POND CONSTRUCTION.
20. EXISTING WATER VALVE TO REMAIN.
21. EXISTING WATER MAIN TO REMAIN.
22. EXISTING BUILDING TO REMAIN.
23. EXISTING BRUSH AREA TO BE REMOVED.
24. EXISTING BRUSH AREA TO BE REMOVED.
25. EXISTING BRUSH AREA TO BE REMOVED.
26. EXISTING BRUSH AREA TO BE REMOVED.
27. EXISTING TREE TO BE REMOVED.
28. EXISTING TRAFFIC SIGNAL TO REMAIN.
29. EXISTING UTILITY POLE TO BE REMOVED.
30. EXISTING OVERHEAD ELECTRIC TO BE REMOVED.
31. EXISTING UTILITY POLE TO REMAIN.
32. EXISTING OVERHEAD ELECTRIC TO REMAIN.
33. EXISTING GUY WIRE ANCHOR TO REMAIN.
34. EXISTING TELEPHONE FEEDSTAY TO REMAIN.
35. EXISTING FIRE HYDRANT AND AUXILIARY VALVE TO BE REMOVED.
36. EXISTING FIRE HYDRANT TO REMAIN.
37. EXISTING SULO TO BE REMOVED.
38. EXISTING GRAVEL TO BE REMOVED FULL DEPTH.
39. EXISTING WOOD POST TO BE REMOVED.
40. EXISTING SANITARY SEWER TO BE REMOVED.
41. EXISTING HANDRAIL TO BE REMOVED.
42. EXISTING FENCE TO REMAIN.
43. EXISTING FENCE TO BE REMOVED.
44. EXISTING ASPHALT PAVEMENT TO BE REMOVED FULL DEPTH TO MEET THE BOTTOM OF PROPOSED PAVEMENT CROSS SECTION PROPOSED SUBGRADE ELEVATION. SEE THE CONSTRUCTION DETAILS FOR THE PROPOSED PAVEMENT CROSS SECTIONS.
45. EXISTING CONCRETE SIDEWALK TO BE REMOVED FULL DEPTH TO MEET THE BOTTOM OF THE PROPOSED PAVEMENT CROSS SECTION. PROPOSED SUBGRADE ELEVATION. SEE THE CONSTRUCTION DETAILS FOR THE PROPOSED PAVEMENT CROSS SECTIONS.
46. EXISTING TELEPHONE LINE TO BE REMOVED.
47. EXISTING TELEPHONE LINE TO REMAIN.
48. EXISTING ELECTRIC LINE TO BE REMOVED AND RELOCATED.
49. EXISTING ELECTRIC LINE TO REMAIN.
50. EXISTING PAVEMENT STRIPINGS TO BE COVERED BY NEW PAVEMENT SEALCOAT FOR THE DURATION OF CONSTRUCTION.
51. EXISTING TRAFFIC CONTROL BOX TO REMAIN.
52. EXISTING HANDHOLE TO BE REMOVED.

SITE DEMOLITION NOTES:

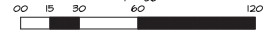
- A. CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS.
- B. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY DEMOLITION PERMITS AND COORDINATE ALL DEMOLITION WITH THE MUNICIPALITY AND OWNERS REPRESENTATIVE TO ENSURE PROTECTION AND MAINTENANCE OF SANITARY AND WATER UTILITIES AS NECESSARY AND TO PROVIDE STORM WATER CONVEYANCE UNTIL NEW FACILITIES ARE CONSTRUCTED, TESTED, AND PLACED IN OPERATION.
- C. CONTRACTOR SHALL DEVELOP AND IMPLEMENT A DAILY PROGRAM OF DUST CONTROL PROCEDURES PRIOR TO DEMOLITION OF ANY STRUCTURES. MODIFICATION OF DUST CONTROL PROCEDURES SHALL BE PERFORMED BY THE CONTRACTOR TO THE SATISFACTION OF THE MUNICIPALITY AND OWNER REPRESENTATIVE TO ENSURE PROTECTION AND MAINTENANCE OF SANITARY AND WATER UTILITIES AS NECESSARY AND TO PROVIDE STORM WATER CONVEYANCE UNTIL NEW FACILITIES ARE CONSTRUCTED, TESTED, AND PLACED IN OPERATION.
- D. ALL EXISTING TREES, BRUSH AND MISCELLANEOUS VEGETATION TO BE REMOVED OR PRESERVED SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
- E. VOIDS LEFT BY ANY ITEM REMOVED UNDER ANY PROPOSED BUILDING, PAVEMENT, OR WALK OR WITHIN 24" THEREOF SHALL BE BACKFILLED WITH ENGINEERED FILL ACCORDING TO THE GEOTECHNICAL REPORTS.
- F. ALL EXISTING BUILDINGS, FOUNDATIONS, CONCRETE OR ASPHALT PAVEMENT OR WALKS, CURBS AND GUTTERS AND MISCELLANEOUS STRUCTURES (INCLUDING, BUT NOT LIMITED TO, FENCES, POLES, YARD LIGHTS, ELECTRICAL PANELS, AND MISCELLANEOUS DEBRIS) INDICATED TO BE DEMOLISHED SHALL BE REMOVED OR DEMOLISHED AND REMOVED FROM THE SITE AND DISPOSED OF LEGALLY BY THE CONTRACTOR.
- G. CONTACT GAO COMPANY PRIOR TO DEMOLITION LOCATION OF EXISTING GAS SERVICES ARE UNKNOWN.
- H. ALL EXISTING TREES SHALL REMAIN UNLESS OTHERWISE NOTED.
- I. ALL EXISTING UTILITIES SHALL REMAIN UNLESS OTHERWISE NOTED.
- J. CONTRACTOR SHALL HIRE A PRIVATE UTILITY LOCATOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND SHALL CONTACT THE SITE ENGINEER IF A CONFLICT EXISTS.
- K. CONTRACTOR SHALL OBTAIN ALL NECESSARY AND REPLACEMENT AND SHORING AS NECESSARY TO MEET OSHA AND LOCAL CODE.
- L. ALL FOUNDATIONS FOR ALL FENCES, SIGNS, ETC. NOTED FOR REMOVAL SHALL BE REMOVED AND LEGALLY DISPOSED OF OFFSITE.
- M. PROOF-ROLLING SHALL BE PERFORMED FOR ALL SUBGRADE PRIOR TO CONSTRUCTION OF NEW PAVEMENT. ALL SUBGRADE PROOF-ROLLING SHALL BE WITNESSED AND APPROVED BY A MATERIALS TESTING AGENCY TO BE HIRED BY THE OWNER. CONTRACTOR TO COORDINATE ALL PROOF-ROLLING WITH THE MATERIALS TESTING AGENCY. CONTACT THE ENGINEER AND MATERIAL TESTING AGENCY SO THAT THEY MAY FITNESS THE PROOF ROLL. PROOF-ROLLING SHALL BE PROVIDED FOR ALL PAVEMENT AREAS SPECIFIED FOR FULL DEPTH REMOVAL AND REPLACEMENT.
- N. EXISTING CONDITIONS AND TOPOGRAPHY SHOWN REPRESENTS SITE CONDITIONS EXCEPT THE TOPOGRAPHIC SURVEY LAST DATED 03-12-14. PREPARED BY THE W-T GROUP. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND CONDITIONS (INCLUDING BUT NOT LIMITED TO VERIFICATION OF CONTROL AND ALL UTILITIES WHETHER DEPICTED OR NOT) PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- O. SEE SHEET SURV. TOPOGRAPHIC SURVEY FOR ALL EXISTING LOCATED UTILITY LOCATIONS.
- P. CLEAR SITE AS NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.
- Q. ALL ITEMS MARK "EXISTING OR EXISTING TO REMAIN" TO BE PROTECTED FROM DAMAGE FOR THE DURATION OF CONSTRUCTION.
- R. CONTRACTOR TO PROVIDE SOIL TESTING SERVICES FOR COMPLETION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S LFC-662 AND/OR LFC-663 FORMS AS PART OF THEIR CONTRACT.
- S. ALL EXISTING UTILITIES TO BE ABANDONED IN PLACE SHALL BE CAPPED WITH 2" LONG MIN. NON-SINKING CONCRETE PORTLAND FLUGS AT BOTH ENDS.

DEMOLITION LEGEND

- X --- EXISTING STORM SEWER
- S --- EXISTING SANITARY SEWER
- W --- EXISTING WATER MAIN
- G --- EXISTING GAS LINE
- E --- EXISTING UNDERGROUND ELECTRIC LINE
- O --- EXISTING OVERHEAD LINES
- T --- EXISTING UNDERGROUND TELEPHONE LINE
- F --- EXISTING FIBER OPTIC LINE
- EXISTING CLOSED MANHOLE
- EXISTING OPEN GRADE MANHOLE
- EXISTING CURB INLET
- EXISTING FIRE HYDRANT
- EXISTING VALVE VAULT
- EXISTING B-BOX
- EXISTING TELCO FEEDSTAY
- X --- EXISTING UTILITY POLE W/ GUY WIRE

EXISTING UTILITY DATA

- △ RW-78100 (SANITARY)
- △ RW-77157 (CONCRETE N/S)
- △ RW-77156 (1" OF SWR)
- △ RW-77155 (1" OF SWR)
- △ RW-77154 (1" OF SWR)
- △ RW-77153 (1" OF SWR)
- △ RW-77152 (1" OF SWR)
- △ RW-77151 (1" OF SWR)
- △ RW-77150 (1" OF SWR)
- △ RW-77149 (1" OF SWR)
- △ RW-77148 (1" OF SWR)
- △ RW-77147 (1" OF SWR)
- △ RW-77146 (1" OF SWR)
- △ RW-77145 (1" OF SWR)
- △ RW-77144 (1" OF SWR)
- △ RW-77143 (1" OF SWR)
- △ RW-77142 (1" OF SWR)
- △ RW-77141 (1" OF SWR)
- △ RW-77140 (1" OF SWR)
- △ RW-77139 (1" OF SWR)
- △ RW-77138 (1" OF SWR)
- △ RW-77137 (1" OF SWR)
- △ RW-77136 (1" OF SWR)
- △ RW-77135 (1" OF SWR)
- △ RW-77134 (1" OF SWR)
- △ RW-77133 (1" OF SWR)
- △ RW-77132 (1" OF SWR)
- △ RW-77131 (1" OF SWR)
- △ RW-77130 (1" OF SWR)
- △ RW-77129 (1" OF SWR)
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- △ RW-77106 (1" OF SWR)
- △ RW-77105 (1" OF SWR)
- △ RW-77104 (1" OF SWR)
- △ RW-77103 (1" OF SWR)
- △ RW-77102 (1" OF SWR)
- △ RW-77101 (1" OF SWR)
- △ RW-77100 (1" OF SWR)



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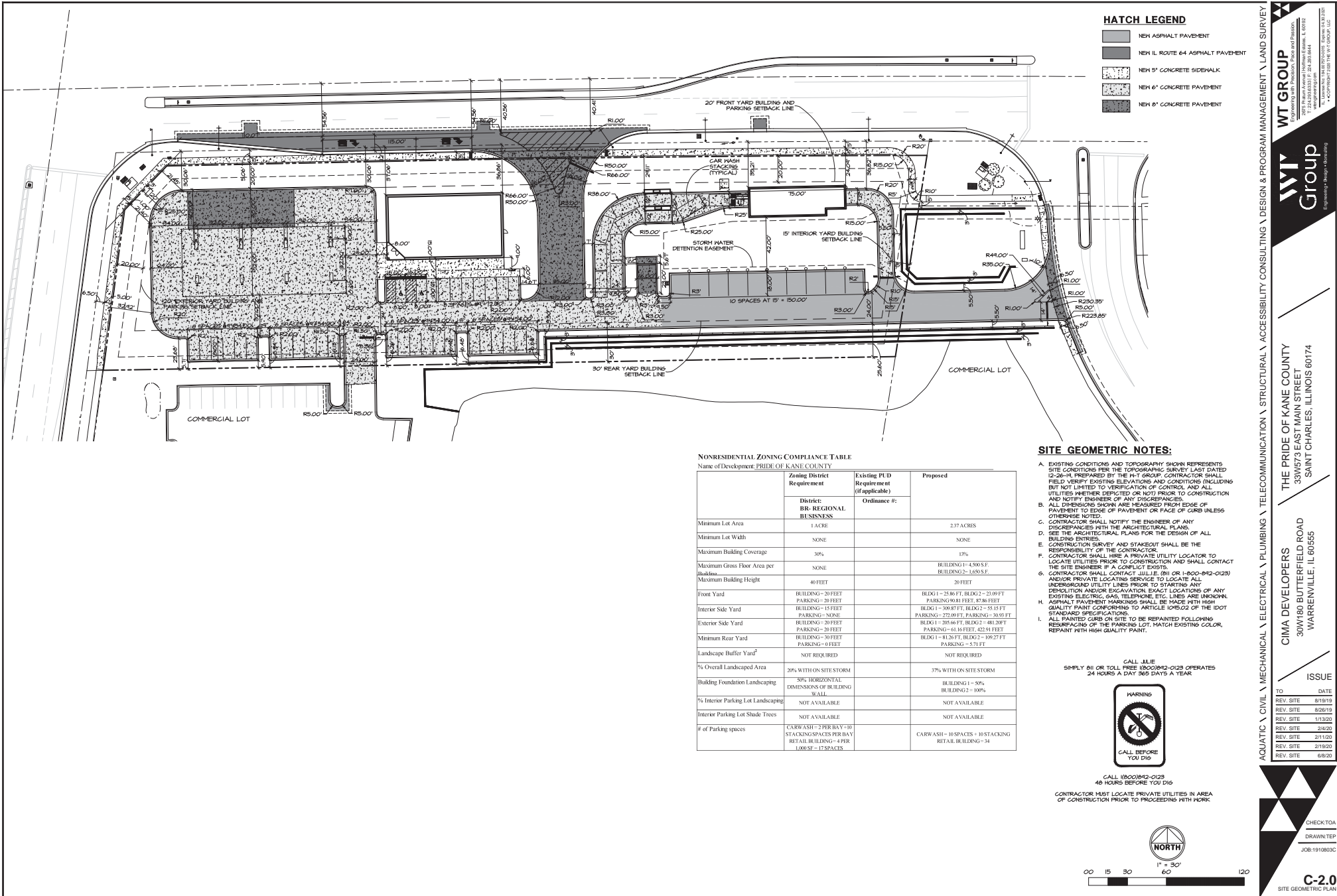
THE PRIDE OF KANE COUNTY
 330W180 BUTTERFIELD ROAD
 WARRENVILLE, IL 60555

CIMA DEVELOPERS
 330W180 BUTTERFIELD ROAD
 WARRENVILLE, IL 60555

ISSUE
 TO DATE
 REV. SITE 6/18/19
 REV. SITE 6/26/19
 REV. SITE 11/3/20
 REV. SITE 2/4/20
 REV. SITE 2/11/20
 REV. SITE 3/15/20
 REV. SITE 6/30/20

CHECKED BY: DRAWN BY: JOB: 1910603C

C-1.0
 SITE DEMOLITION PLAN



NONRESIDENTIAL ZONING COMPLIANCE TABLE

Name of Developer: PRIDE OF KANE COUNTY

	Zoning District Requirement	Existing PUD Requirement (if applicable)	Proposed
	District: BR-REGIONAL BUSINESS	Ordinance #:	
Minimum Lot Area	1 ACRE		2.37 ACRES
Minimum Lot Width	NONE		NONE
Maximum Building Coverage	50%		17%
Maximum Gross Floor Area per Building	NONE		BUILDING 1-4,500 S.F. BUILDING 2-1,650 S.F.
Maximum Building Height	40 FEET		20 FEET
Front Yard	BUILDING-20 FEET PARKING-20 FEET		BLDG 1 - 25.86 FT, BLDG 2 - 23.09 FT PARKING 30.81 FEET, 37.86 FEET
Interior Side Yard	BUILDING-15 FEET PARKING- NONE		BLDG 1 - 39.00 FT, BLDG 2 - 55.15 FT PARKING - 27.09 FT, PARKING - 30.95 FT
Exterior Side Yard	BUILDING-20 FEET PARKING-20 FEET		BLDG 1 - 205.66 FT, BLDG 2 - 481.20 FT PARKING - 61.96 FEET, 42.04 FEET
Minimum Rear Yard	BUILDING-30 FEET PARKING-0 FEET		BLDG 1 - 81.28 FT, BLDG 2 - 109.27 FT PARKING - 57.1 FT
Landscape Buffer Yard ^a	NOT REQUIRED		NOT REQUIRED
% Overall Landscaped Area	20% WITH ON SITE STORM		17% WITH ON SITE STORM
Building Foundation Landscaping	50% HORIZONTAL DIMENSIONS OF BUILDING		BUILDING 1 - 50% BUILDING 2 - 100%
% Interior Parking Lot Landscaping	NOT AVAILABLE		NOT AVAILABLE
Interior Parking Lot Shade Trees	NOT AVAILABLE		NOT AVAILABLE
# of Parking spaces	CARWASH = 2 PER BAY * 10 STAKING SPACES PER BAY RETAIL BUILDING = 4 PER 1,000 SF - 17 SPACES		CARWASH = 10 SPACES + 10 STAKING RETAIL BUILDING = 34

SITE GEOMETRIC NOTES:

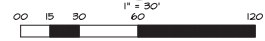
- EXISTING CONDITIONS AND TOPOGRAPHY SHOWN REPRESENTS SITE CONDITIONS PER THE TOPOGRAPHIC SURVEY LAST DATED 12-26-19, PREPARED BY THE H-T GROUP. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS AND CONDITIONS (INCLUDING BUT NOT LIMITED TO VERIFICATION OF CONTROL AND ALL UTILITIES WHETHER DEPICTED OR NOT PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- ALL DIMENSIONS SHOWN ARE MEASURED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT OR FACE OF CURB UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES WITH THE ARCHITECTURAL PLANS.
- SEE THE ARCHITECTURAL PLANS FOR THE DESIGN OF ALL BUILDING ENTRIES.
- CONSTRUCTION SURVEY AND STAKEOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL HIRE A PRIVATE UTILITY LOCATOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND SHALL CONTACT THE SITE ENGINEER IF A CONFLICT EXISTS.
- CONTRACTOR SHALL CONTACT JULIE (811 OR 1-800-842-0123) AND/OR PRIVATE LOCATING SERVICE TO LOCATE ALL UNDERGROUND UTILITY LINES PRIOR TO STARTING ANY DEMOLITION AND/OR EXCAVATION. EXACT LOCATIONS OF ANY EXISTING ELECTRIC, GAS, TELEPHONE, ETC. LINES ARE UNKNOWN.
- ASPHALT PAVEMENT MARKINGS SHALL BE MADE WITH HIGH QUALITY PAINT CONFORMING TO ARTICLE 106.02 OF THE DOT STANDARD SPECIFICATIONS.
- ALL PAINTED CURB ON SITE TO BE REPAINTED FOLLOWING RESURFACING OF THE PARKING LOT. MATCH EXISTING COLOR, REPAINT WITH HIGH QUALITY PAINT.

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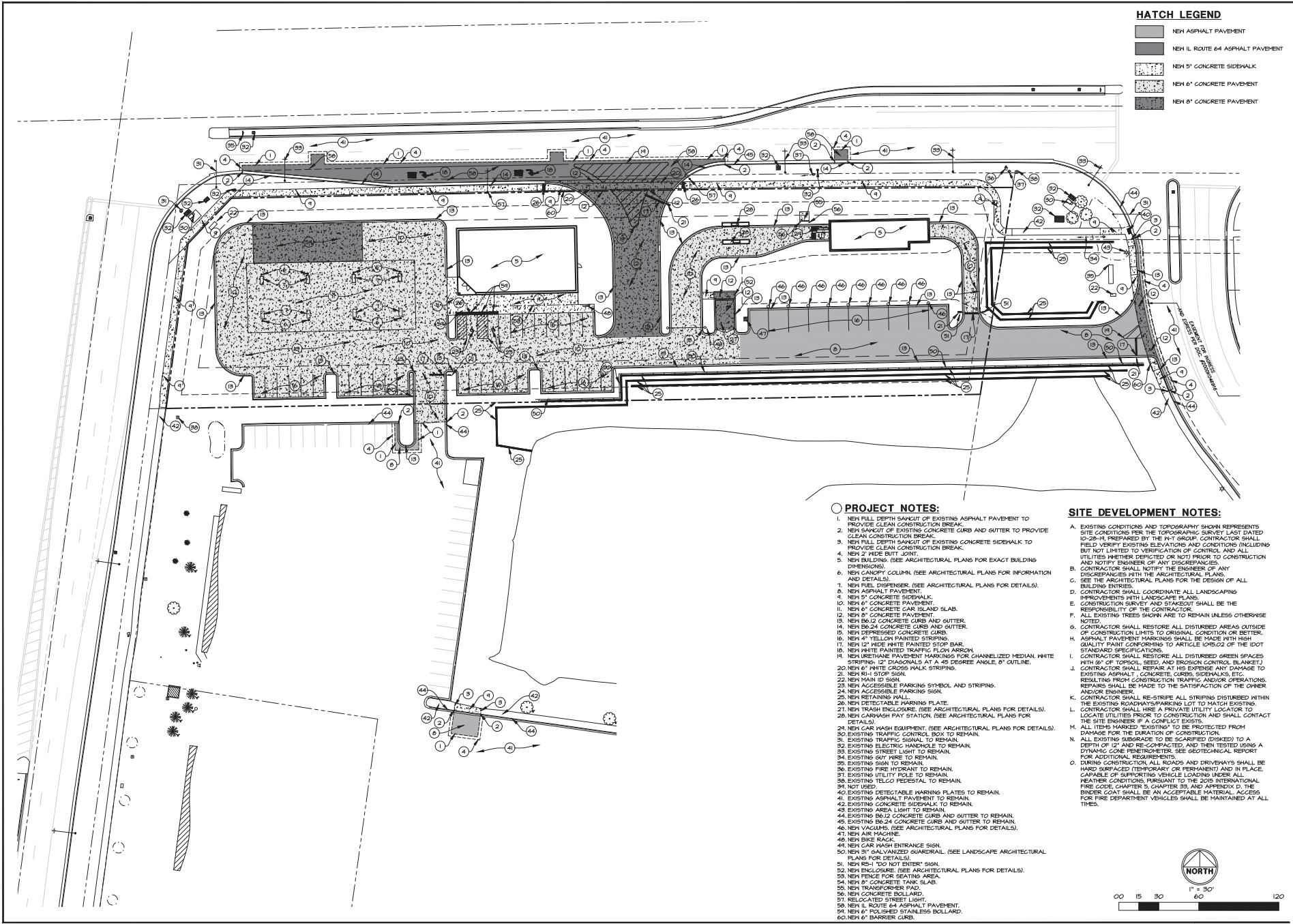
THE PRIDE OF KANE COUNTY
 33W573 EAST MAIN STREET
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CIMA DEVELOPERS
 30W180 BUTTERFIELD ROAD
 WARRENVILLE, IL 60555






AQUATIC \ CIVIL \ MECHANICAL \ ELECTRICAL \ PLUMBING \ TELECOMMUNICATION \ STRUCTURAL \ ACCESSIBILITY CONSULTING \ LAND SURVEY \ DESIGN & PROGRAM MANAGEMENT \ LAND SURVEY

CHECK/TOA
 DRAWN/TEP
 JOB:1910803C

C-2.0
 SITE GEOMETRIC PLAN



HATCH LEGEND

-  NEW ASPHALT PAVEMENT
-  NEW IL ROUTE 64 ASPHALT PAVEMENT
-  NEW 5' CONCRETE SIDEWALK
-  NEW 6' CONCRETE PAVEMENT
-  NEW 8' CONCRETE PAVEMENT

PROJECT NOTES:

1. NEW FULL DEPTH SANICUT OF EXISTING ASPHALT PAVEMENT TO PROVIDE CLEAN CONSTRUCTION BREAK.
2. NEW SANICUT OF EXISTING CONCRETE CURB AND GUTTER TO PROVIDE CLEAN CONSTRUCTION BREAK.
3. NEW FULL DEPTH SANICUT OF EXISTING CONCRETE SIDEWALK TO PROVIDE CLEAN CONSTRUCTION BREAK.
4. NEW 2" WIDE BUTT JOINT.
5. NEW BUILDING (SEE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS).
6. NEW CANOPY COLUMN (SEE ARCHITECTURAL PLANS FOR INFORMATION AND DETAILS).
7. NEW FUEL DISPENSER (SEE ARCHITECTURAL PLANS FOR DETAILS).
8. NEW ASPHALT PAVEMENT.
9. NEW 5' CONCRETE SIDEWALK.
10. NEW 4' CONCRETE PAVEMENT.
11. NEW 6' CONCRETE CAR ISLAND SLAB.
12. NEW 8' CONCRETE PAVEMENT.
13. NEW B6/2 CONCRETE CURB AND GUTTER.
14. NEW B6/24 CONCRETE CURB AND GUTTER.
15. NEW DEPRESSED CONCRETE CURB.
16. NEW 4" YELLOW PAINTED STRIPING.
17. NEW 12" WIDE WHITE PAINTED STOP BAR.
18. NEW URETHANE PAVEMENT MARKINGS FOR CHANNELIZED MEDIAN WHITE STRIPING, 12" DIAGONALS AT A 45 DEGREE ANGLE, 8" OUTLINE.
20. NEW 4" WHITE CROSS WALK STRIPING.
21. NEW R-11 STOP SIGN.
22. NEW H-10 SIGN.
23. NEW ACCESSIBLE PARKING SYMBOL AND STRIPING.
24. NEW ACCESSIBLE PARKING SIGN.
25. NEW RETAINING WALL.
26. NEW DETECTABLE WARNING PLATE.
27. NEW TRASH ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS).
28. NEW CARWASH PAY STATION (SEE ARCHITECTURAL PLANS FOR DETAILS).
29. NEW CAR WASH EQUIPMENT (SEE ARCHITECTURAL PLANS FOR DETAILS).
30. EXISTING TRAFFIC SIGNAL TO REMAIN.
31. EXISTING TRAFFIC SIGNAL TO REMAIN.
32. EXISTING ELECTRIC HANDLES TO REMAIN.
33. EXISTING STREET LIGHT TO REMAIN.
34. EXISTING WIRE TO REMAIN.
35. EXISTING SIGN TO REMAIN.
36. EXISTING HYDRANT TO REMAIN.
37. EXISTING UTILITY POLE TO REMAIN.
38. EXISTING TELCO PEDESTAL TO REMAIN.
39. NOT USED.
40. EXISTING DETECTABLE WARNING PLATES TO REMAIN.
41. EXISTING ASPHALT PAVEMENT TO REMAIN.
42. EXISTING CONCRETE SIDEWALK TO REMAIN.
43. EXISTING AREA LIGHT TO REMAIN.
44. EXISTING B6/2 CONCRETE CURB AND GUTTER TO REMAIN.
45. EXISTING B6/24 CONCRETE CURB AND GUTTER TO REMAIN.
46. NEW VACUUMS (SEE ARCHITECTURAL PLANS FOR DETAILS).
47. NEW AIR MACHINE.
48. NEW BIKE RACK.
49. NEW CAR WASH ENTRANCE SIGN.
50. NEW 31" GALVANIZED GUARDRAIL (SEE LANDSCAPE ARCHITECTURAL PLANS FOR DETAILS).
51. NEW R-11 "DO NOT ENTER" SIGN.
52. NEW ENCLOSURE (SEE ARCHITECTURAL PLANS FOR DETAILS).
53. NEW FENCE FOR SEEDING AREA.
54. NEW 8' CONCRETE TANK SLAB.
55. NEW TRANSFORMER PAD.
56. NEW CONCRETE BOLLARD.
57. RELOCATED STREET LIGHT.
58. NEW IL ROUTE 64 ASPHALT PAVEMENT.
59. NEW 6' POLISHED STAINLESS BOLLARD.
60. NEW 6' BARRIER CURB.

SITE DEVELOPMENT NOTES:

- A. EXISTING CONDITIONS AND TOPOGRAPHY SHOWN REPRESENTS SITE CONDITIONS PER THE TOPOGRAPHIC SURVEY LAST DATED 10/28/14 PREPARED BY THE HY GROUP. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS AND CONDITIONS INCLUDING BUT NOT LIMITED TO VERIFICATION OF CONTROL AND ALL UTILITIES WHETHER DEPICTED OR NOT PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- B. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES WITH THE ARCHITECTURAL PLANS.
- C. SEE THE ARCHITECTURAL PLANS FOR THE DESIGN OF ALL BUILDING ENTRIES.
- D. CONTRACTOR SHALL COORDINATE ALL LANDSCAPING IMPROVEMENTS WITH LANDSCAPE PLANS.
- E. CONSTRUCTION SHALL BE LIMITED TO THE RESPONSIBILITY OF THE CONTRACTOR.
- F. ALL EXISTING TREES SHOWN ARE TO REMAIN UNLESS OTHERWISE NOTED.
- G. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS OUTSIDE OF CONSTRUCTION LIMITS TO ORIGINAL CONDITION OR BETTER.
- H. ASPHALT PAVEMENT MARKINGS SHALL BE MADE WITH HIGH QUALITY PAINT CONFORMING TO ARTICLE 106.02 OF THE DOT STANDARD SPECIFICATIONS.
- I. CONTRACTOR SHALL RESTORE ALL DISTURBED GREEN SPACES WITH 6" OF TOPSOIL, SEED, AND EROSION CONTROL (BLANKET).
- J. CONTRACTOR SHALL REPAIR AT HIS EXPENSE ANY DAMAGE TO EXISTING ASPHALT, CONCRETE, CURBS, SIDEWALKS, ETC. RESULTING FROM CONSTRUCTION TRAFFIC AND/OR OPERATIONS. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
- K. CONTRACTOR SHALL RE-STRIPE ALL STRIPING DISTURBED WITHIN THE EXISTING ROADWAY/PARKING LOT TO MATCH EXISTING DAMAGE FOR THE DURATION OF CONSTRUCTION.
- L. CONTRACTOR SHALL HIRE A PRIVATE UTILITY LOCATOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND SHALL CONTACT THE SITE ENGINEER IF A CONFLICT EXISTS.
- M. ALL ITEMS MARKED "EXISTING" TO BE PROTECTED FROM DAMAGE FOR THE DURATION OF CONSTRUCTION.
- N. ALL EXISTING SUBGRADE TO BE SCARIFIED (DISKED) TO A DEPTH OF 12" AND RECOMPACTED AND THEN TESTED USING A DYNAMIC CONE PENETROMETER. SEE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
- O. DURING CONSTRUCTION ALL ROADS AND DRIVEWAYS SHALL BE HAND SURFACED TEMPORARILY OR PERMANENTLY AND IN PLACE, CAPABLE OF SUPPORTING VEHICLE LOADINGS UNDER ALL WEATHER CONDITIONS. PURSUANT TO THE 2015 INTERNATIONAL FIRE CODE, CHAPTER 5, CHAPTER 55, AND APPENDIX D, THE BINDER COAT SHALL BE AN ACCEPTABLE MATERIAL. ACCESS FOR FIRE DEPARTMENT VEHICLES SHALL BE MAINTAINED AT ALL TIMES.

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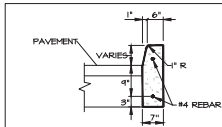
THE PRIDE OF KANE COUNTY
 333 W. 573 EAST MAIN STREET
 SAINT CHARLES, ILLINOIS 60174

CIMA DEVELOPERS
 300 W. BUTTERFIELD ROAD
 WARRENVILLE, IL 60555

ISSUE
 TO DATE
 REV. SITE 8/19/19
 REV. SITE 8/26/19
 REV. SITE 1/13/20
 REV. SITE 2/4/20
 REV. SITE 2/11/20
 REV. SITE 3/13/20
 REV. SITE 6/30/20

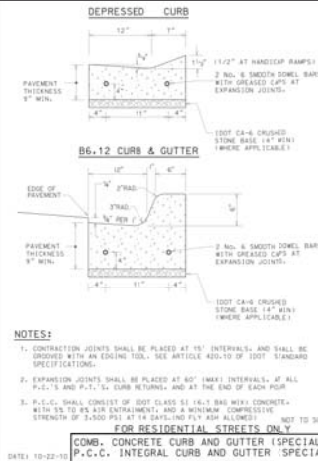
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 JOB:19100503

C-3.0
 SITE DEVELOPMENT
 PLAN

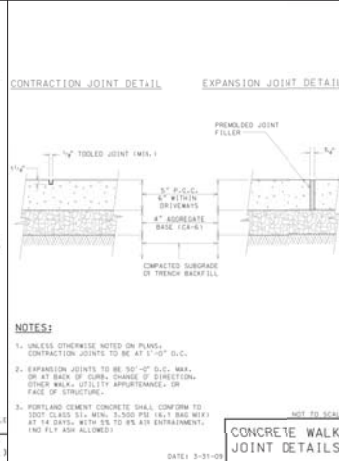


- NOTES:**
1. BARRIER CURB SHALL BE CONCRETE.
 2. CONTRACTION JOINTS, 1/4" WIDE X 1" DEEP, SHALL BE LOCATED AT RADIUS TANGENTS.
 3. BASE MATERIAL SHALL MEET THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR GRADATION AND OTHER SPECIFIED MATERIAL REQUIREMENTS.

DETAIL - BARRIER CURB
NOT TO SCALE

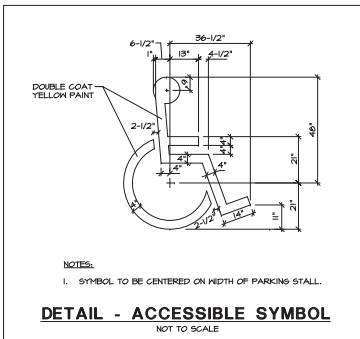


- NOTES:**
1. CONTRACTION JOINTS SHALL BE PLACED AT 15' INTERVALS AND SHALL BE FINISHED WITH AN EDGING TOOL. SEE ARTICLE 400.07 OF 2007 STANDARD SPECIFICATIONS.
 2. EXPANSION JOINTS SHALL BE PLACED AT 60' INTERVALS, IF ALL P.C.C.'S AND P.C.T.'S CURB RETURN, AND AT THE END OF EACH POLE.
 3. P.C.C. SHALL CONSIST OF 100% CLASS II 1/2" MAX. SIZE AGGREGATE WITH 15 TO 18 AIR ENTRAINMENT, AND A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 14 DAYS, NO P.C. FOR ALLOWED. NOT TO SCALE.
- FOR RESIDENTIAL STREETS ONLY**
- COMB. CONCRETE CURB AND GUTTER (SPECIAL)
P.C.C. INTEGRAL CURB AND GUTTER (SPECIAL)



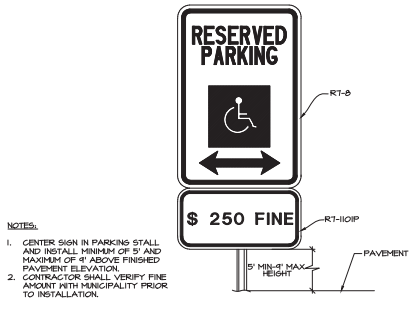
- NOTES:**
1. UNLESS OTHERWISE NOTED ON PLANS, CONTRACTION JOINTS TO BE AT 15'-0" O.C.
 2. EXPANSION JOINTS TO BE 50'-0" O.C. MAX. OR AT BACK OF CURB, CHANGE OF DIRECTION, OTHER NEAR UTILITY APERTURES, OR FACE OF STRUCTURE.
 3. PORTLAND CEMENT CONCRETE SHALL CONFORM TO 100% CLASS III, MIN. 3,000 PSI (4.1 MAX. WEIGHT) AT 14 DAYS, WITH 15 TO 18 AIR ENTRAINMENT, AND 4.1 MAX. ALLOWED.

CONCRETE WALK JOINT DETAILS
NOT TO SCALE



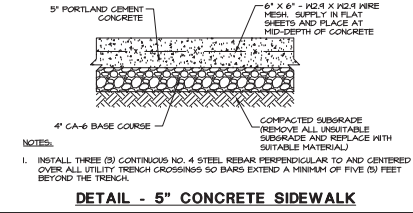
- NOTES:**
1. SYMBOL TO BE CENTERED ON WIDTH OF PARKING STALL.

DETAIL - ACCESSIBLE SYMBOL
NOT TO SCALE



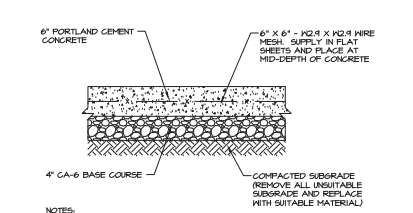
- NOTES:**
1. CENTER SIGN IN PARKING STALL AND INSTALL MINIMUM OF 5' AND MAXIMUM OF 6' ABOVE FINISHED PAVEMENT ELEVATION.
 2. CONTRACTOR SHALL VERIFY FINE AMOUNT WITH JURISDICTIONALITY PRIOR TO INSTALLATION.

DETAIL - ACCESSIBLE PARKING SIGN
NOT TO SCALE



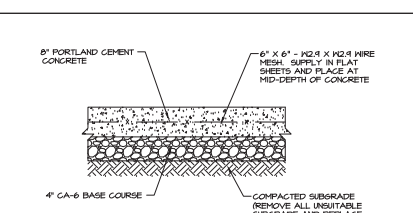
- NOTES:**
1. INSTALL THREE (3) CONTINUOUS NO. 4 STEEL REBAR PERPENDICULAR TO AND CENTERED OVER ALL UTILITY TRENCH CROSSINGS SO BARS EXTEND A MINIMUM OF FIVE (5) FEET BEYOND THE TRENCH.

DETAIL - 5" CONCRETE SIDEWALK



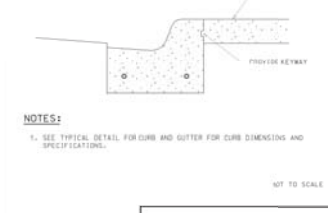
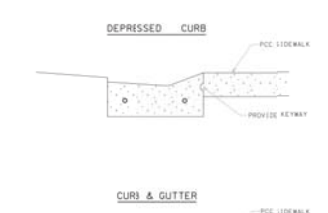
- NOTES:**
1. INSTALL THREE (3) CONTINUOUS NO. 4 STEEL REBAR PERPENDICULAR TO AND CENTERED OVER ALL UTILITY TRENCH CROSSINGS SO BARS EXTEND A MINIMUM OF FIVE (5) FEET BEYOND THE TRENCH.

DETAIL - 6" CONCRETE PAVEMENT
NOT TO SCALE



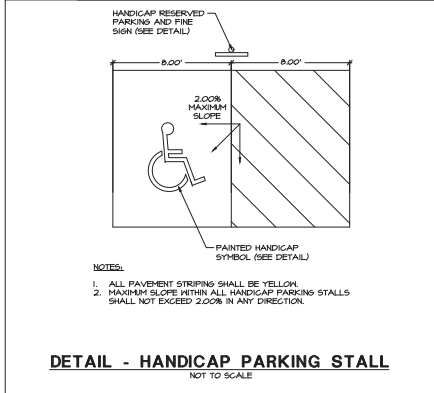
- NOTES:**
1. INSTALL THREE (3) CONTINUOUS NO. 4 STEEL REBAR PERPENDICULAR TO AND CENTERED OVER ALL UTILITY TRENCH CROSSINGS SO BARS EXTEND A MINIMUM OF FIVE (5) FEET BEYOND THE TRENCH.

DETAIL - 8" CONCRETE PAVEMENT
NOT TO SCALE



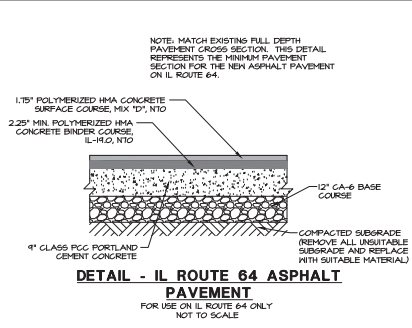
- NOTES:**
1. SEE TYPICAL DETAIL FOR CURB AND GUTTER FOR CURB DIMENSIONS AND SPECIFICATIONS.

SIDEWALK AT CURB AND GUTTER
NOT TO SCALE



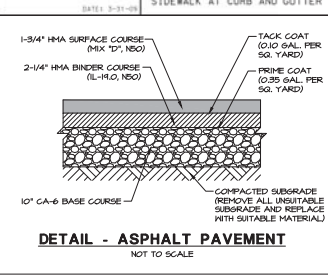
- NOTES:**
1. ALL PAVEMENT STRIPING SHALL BE YELLOW.
 2. MAXIMUM SLOPE WITHIN ALL HANDICAP PARKING STALLS SHALL NOT EXCEED 2.00% IN ANY DIRECTION.

DETAIL - HANDICAP PARKING STALL
NOT TO SCALE

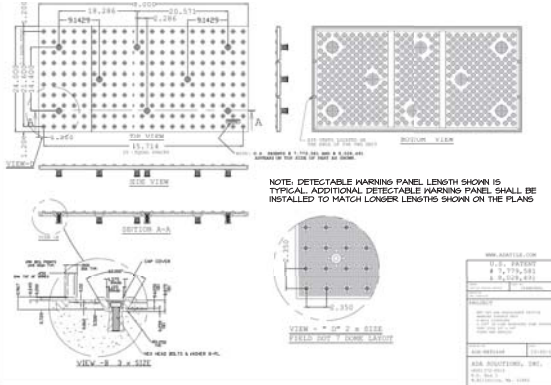
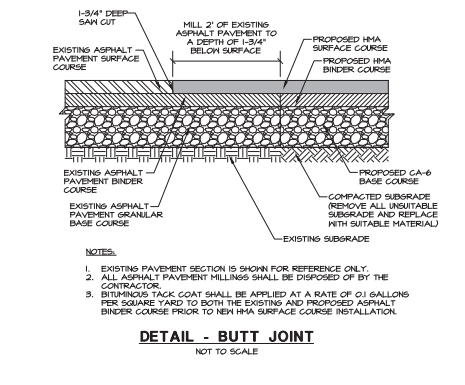
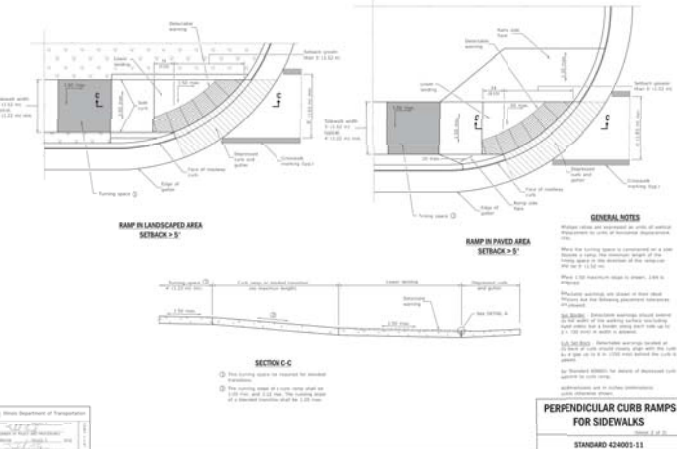
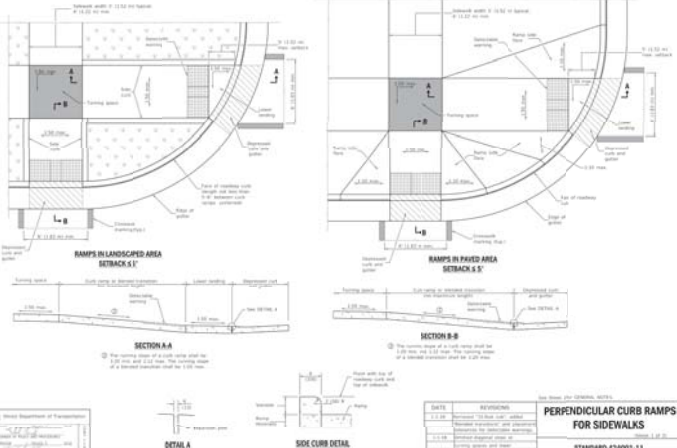
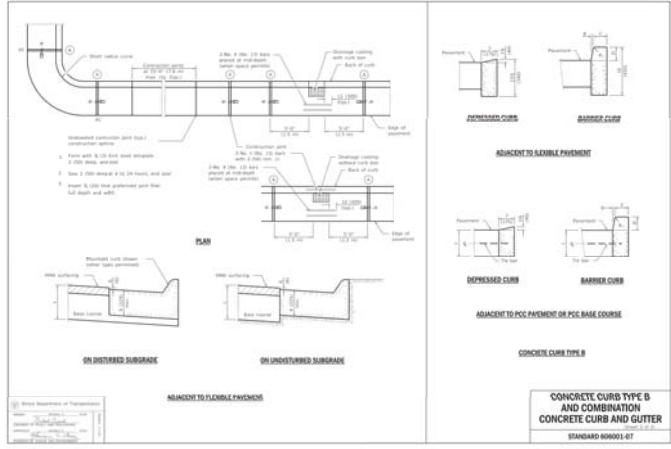
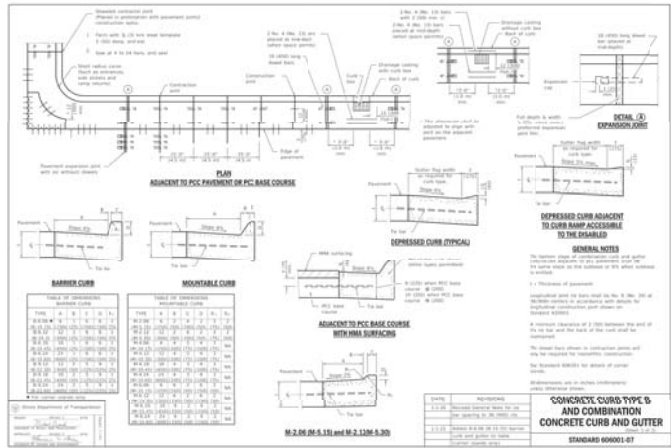


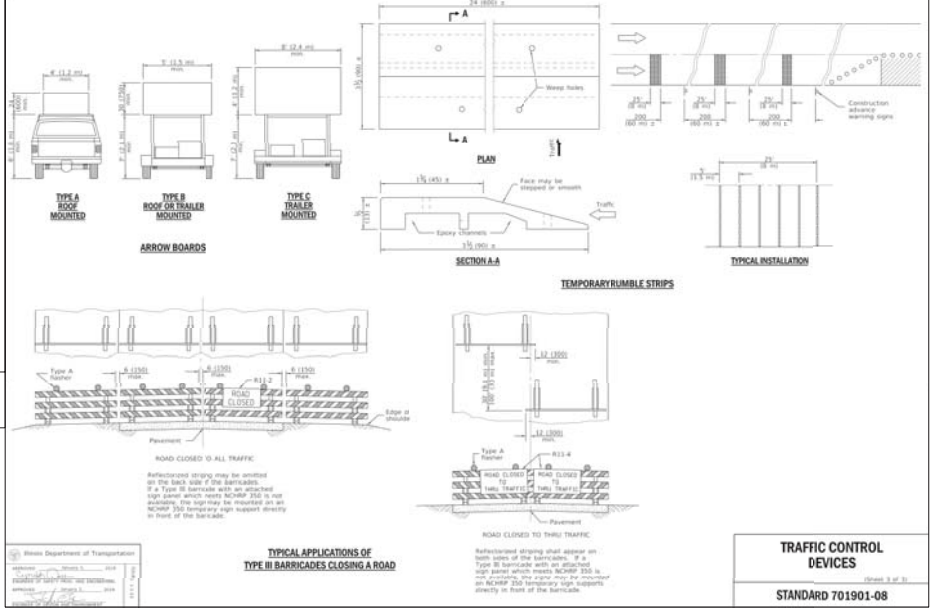
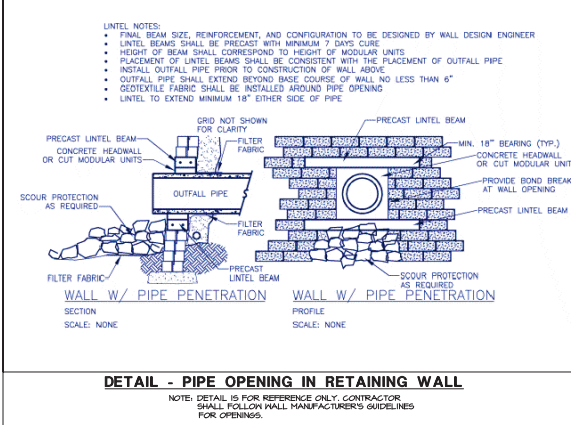
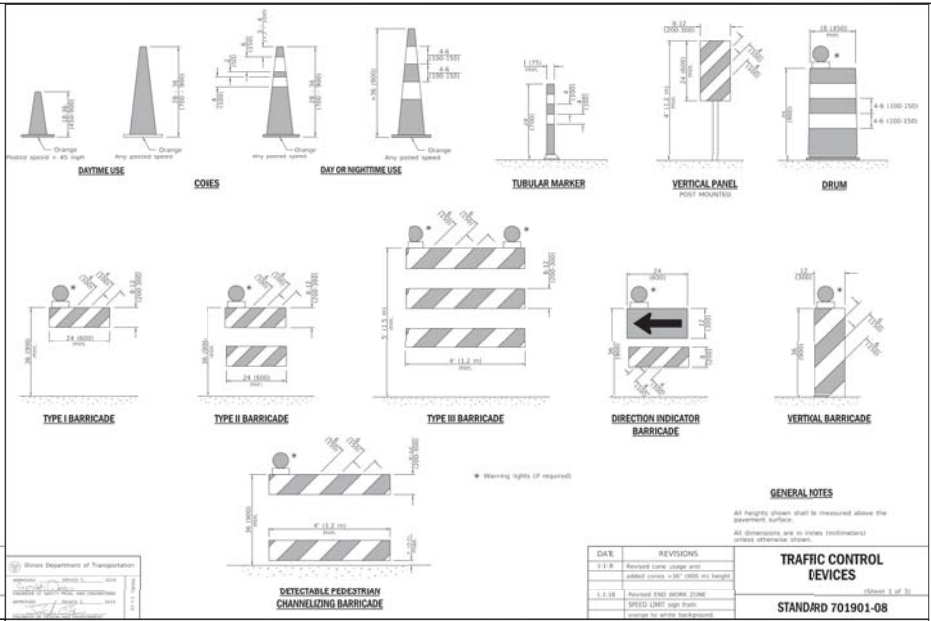
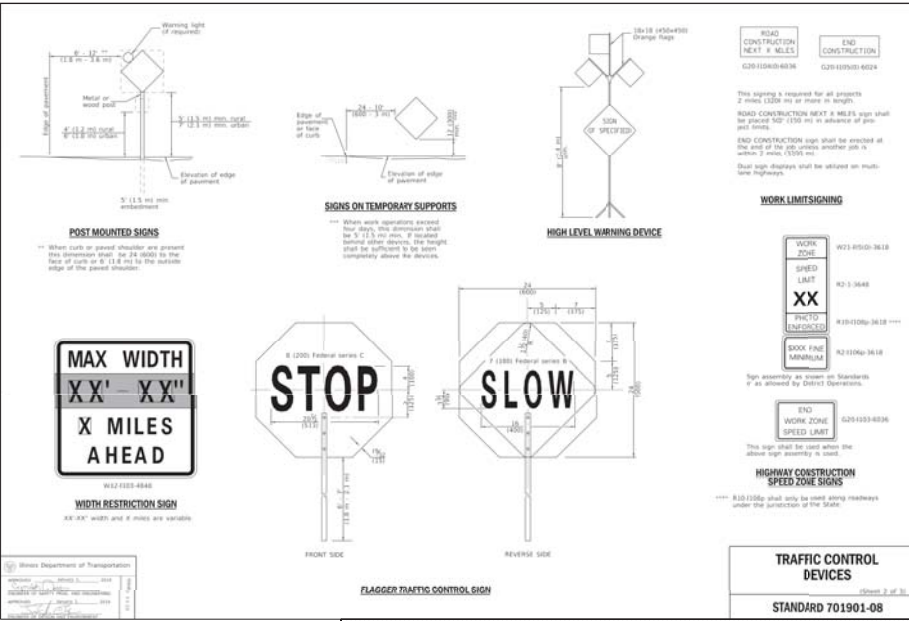
- NOTE:** MATCH EXISTING FULL DEPTH PAVEMENT CROSS SECTION. THIS DETAIL REPRESENTS THE MINIMUM PAVEMENT SECTION FOR THE NEW ASPHALT PAVEMENT ON IL ROUTE 64.

DETAIL - IL ROUTE 64 ASPHALT PAVEMENT
FOR USE ON IL ROUTE 64 ONLY
NOT TO SCALE



DETAIL - ASPHALT PAVEMENT
NOT TO SCALE





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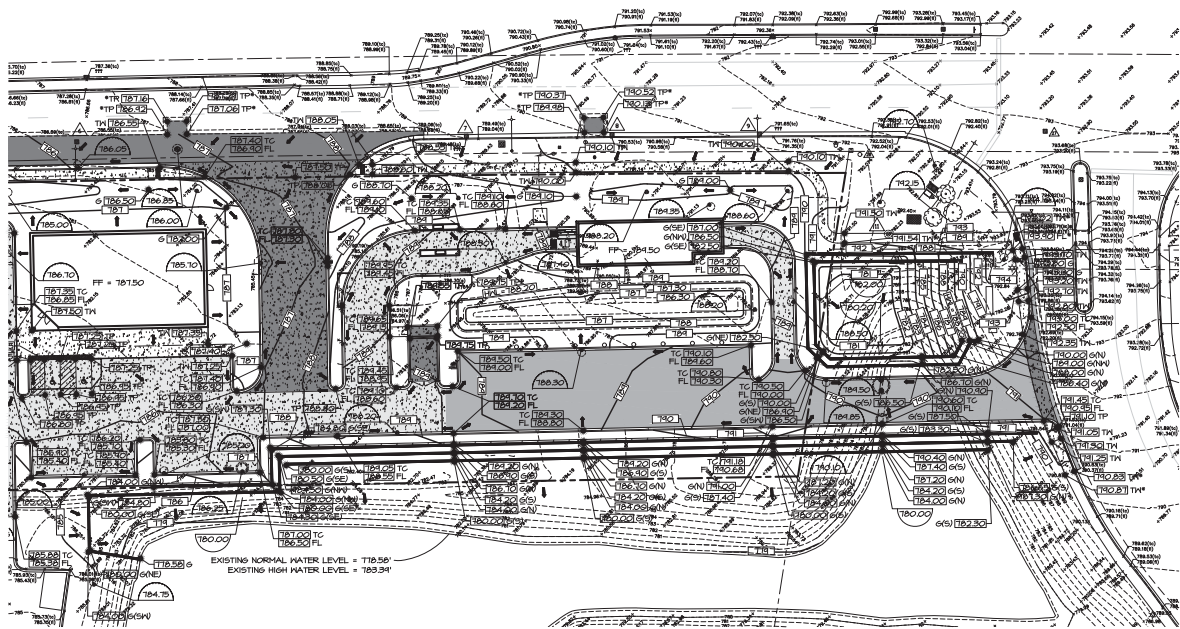
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 WARRENVILLE, IL 60555

ISSUE

TO	DATE
REV. SITE	8/19/19
REV. SITE	8/26/19
REV. SITE	1/13/20
REV. SITE	2/4/20
REV. SITE	2/19/20
REV. SITE	2/19/20
REV. SITE	6/30/20

CHECK/TO
 DRAWN:TEP
 JOB:19100830C

C-3.3
 SITE DEVELOPMENT
 DETAILS



PROPOSED DETENTION POND VOLUME - EAST POND

ELEVATION	AREA	INCR. STORAGE VOLUME	CUMULATIVE STORAGE VOLUME
788.20 HWL	4,231 SQ. FT.	842 CU. FT.	20,626 CU. FT. OR 0.4735 AC-FT
788.00	4,191 SQ. FT.	4,085 CU. FT.	19,784 CU. FT. OR 0.4542 AC-FT
787.00	3,978 SQ. FT.	3,490 CU. FT.	15,699 CU. FT. OR 0.3604 AC-FT
786.00	3,002 SQ. FT.	2,904 CU. FT.	12,209 CU. FT. OR 0.2803 AC-FT
785.00	2,805 SQ. FT.	2,707 CU. FT.	9,306 CU. FT. OR 0.2136 AC-FT
784.00	2,608 SQ. FT.	2,509 CU. FT.	6,599 CU. FT. OR 0.1515 AC-FT
783.00	2,410 SQ. FT.	2,166 CU. FT.	4,090 CU. FT. OR 0.0939 AC-FT
782.00	1,921 SQ. FT.	1,590 CU. FT.	1,925 CU. FT. OR 0.0442 AC-FT
781.00	1,258 SQ. FT.	335 CU. FT.	335 CU. FT. OR 0.0077 AC-FT
780.20	0 SQ. FT.		

TOTAL POND V_{788.20} = **20,626 CU. FT.**
OR **0.474 AC-FT**

PROPOSED DETENTION POND VOLUME - WEST POND

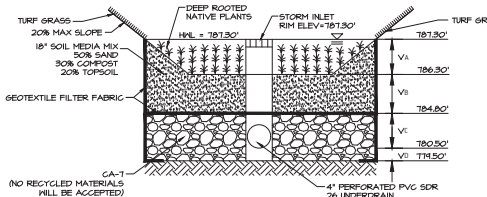
ELEVATION	AREA	INCR. STORAGE VOLUME	CUMULATIVE STORAGE VOLUME
788.20 HWL	3,403 SQ. FT.	663 CU. FT.	2,527 CU. FT. OR 0.0580 AC-FT
788.00	3,226 SQ. FT.	1,864 CU. FT.	1,864 CU. FT. OR 0.0428 AC-FT
787.30 OUTLET ELEV.	2,101 SQ. FT.	1,493 CU. FT.	1,493 CU. FT. OR 0.0343 AC-FT
785.30	885 SQ. FT.		

TOTAL POND V_{788.20} = **2,527 CU. FT.**
OR **0.058 AC-FT**

PROPOSED DETENTION POND VOLUME - WEST & EAST PONDS

ELEVATION	AREA	INCR. STORAGE VOLUME	CUMULATIVE STORAGE VOLUME
788.20 HWL			23,154 CU. FT. OR 0.5315 AC-FT
788.00			21,648 CU. FT. OR 0.4970 AC-FT
787.00			17,192 CU. FT. OR 0.3947 AC-FT
786.00			12,209 CU. FT. OR 0.2803 AC-FT
785.00			9,306 CU. FT. OR 0.2136 AC-FT
784.00			6,599 CU. FT. OR 0.1515 AC-FT
783.00			4,090 CU. FT. OR 0.0939 AC-FT
782.00			1,925 CU. FT. OR 0.0442 AC-FT
781.00			335 CU. FT. OR 0.0077 AC-FT
780.20			

TOTAL POND V_{788.20} = **23,154 CU. FT.**
OR **0.532 AC-FT**



VOLUME TYPE	POROSITY	MEDIA VOLUME	STORAGE VOLUME	VOLUME PROVIDED
SURFACE STORAGE	1.00	VA = 1489 C.F.	1.00 X VA	1489 C.F.
SOIL MEDIA MIX	0.25	VB = 3162 C.F.	0.25 X VB	790 C.F.
COARSE AGG. (ABOVE INVERT)	0.36	VC = 6034 C.F.	0.36 X VC	2172 C.F.
COARSE AGG. (BELOW INVERT)	0.36	VD = 2101 C.F.	0.36 X VD	756 C.F.
WEST RAIN GARDEN TOTAL			4889 C.F.	0.098 AC-FT

INFILTRATION VOLUME REQUIRED = 1.416 AC. X 0.75' = 0.0895 ACRE - FEET
INFILTRATION VOLUME PROVIDED = 0.098 AC-FT X 0.0895 AC-FT

WEST POND INFILTRATION VOLUME
NOT TO SCALE

EXISTING POND - DETENTION STORAGE VOLUME ADDED

ELEVATION	AREA	INCR. STORAGE VOLUME	CUMULATIVE STORAGE VOLUME
783.95	8,235 SQ. FT.	1,674 CU. FT.	48,440 CU. FT. OR 1.1120 AC-FT
783.75	8,505 SQ. FT.	2,167 CU. FT.	46,766 CU. FT. OR 1.0736 AC-FT
783.50	8,832 SQ. FT.	979 CU. FT.	44,599 CU. FT. OR 1.0238 AC-FT
783.39 HWL	8,974 SQ. FT.	1,728 CU. FT.	43,619 CU. FT. OR 1.0014 AC-FT
783.20	9,220 SQ. FT.	2,726 CU. FT.	41,891 CU. FT. OR 0.9617 AC-FT
782.91 WEIR	9,582 SQ. FT.	9,172 CU. FT.	39,165 CU. FT. OR 0.8991 AC-FT
782.00	10,576 SQ. FT.	11,116 CU. FT.	29,993 CU. FT. OR 0.6885 AC-FT
781.00	11,855 SQ. FT.	12,234 CU. FT.	18,877 CU. FT. OR 0.4334 AC-FT
780.00	12,812 SQ. FT.	6,574 CU. FT.	6,644 CU. FT. OR 0.1525 AC-FT
779.00	335 SQ. FT.	70 CU. FT.	70 CU. FT. OR 0.0016 AC-FT
778.58	0 SQ. FT.		

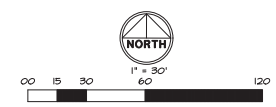
TOTAL POND V_{783.39} = **43,619 CU. FT.**
OR **1.001 AC-FT**

EXISTING POND - DETENTION STORAGE VOLUME LOST

ELEVATION	AREA	INCR. STORAGE VOLUME	CUMULATIVE STORAGE VOLUME
783.95	3,231 SQ. FT.	637 CU. FT.	11,630 CU. FT. OR 0.2670 AC-FT
783.75	3,137 SQ. FT.	770 CU. FT.	10,993 CU. FT. OR 0.2524 AC-FT
783.50	3,022 SQ. FT.	330 CU. FT.	10,223 CU. FT. OR 0.2347 AC-FT
783.39 HWL	2,972 SQ. FT.	557 CU. FT.	9,893 CU. FT. OR 0.2271 AC-FT
783.20	2,887 SQ. FT.	819 CU. FT.	9,336 CU. FT. OR 0.2143 AC-FT
782.91 WEIR	2,761 SQ. FT.	2,348 CU. FT.	8,518 CU. FT. OR 0.1955 AC-FT
782.00	2,400 SQ. FT.	2,210 CU. FT.	6,169 CU. FT. OR 0.1416 AC-FT
781.00	2,020 SQ. FT.	1,866 CU. FT.	3,959 CU. FT. OR 0.0909 AC-FT
780.00	1,712 SQ. FT.	1,544 CU. FT.	2,093 CU. FT. OR 0.0481 AC-FT
779.00	1,375 SQ. FT.	550 CU. FT.	550 CU. FT. OR 0.0126 AC-FT
778.58	1,243 SQ. FT.		

TOTAL POND V_{783.39} = **9,893 CU. FT.**
OR **0.227 AC-FT**

VOLUME REQUIRED = 1.200 ACRE - FEET
VOLUME ADDED EXISTING POND = 1.001 ACRE - FEET
VOLUME LOST EXISTING POND = 0.227 ACRE - FEET
VOLUME PROVIDED NEW PONDS = 0.532 ACRE - FEET
VOLUME PROVIDED = 1.306 ACRE - FEET



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DESIGN-BUILD PARTNER FOR THE PRIDE OF KANE COUNTY
3301/180 BUTTERFIELD ROAD
WARRENVILLE, IL 60055

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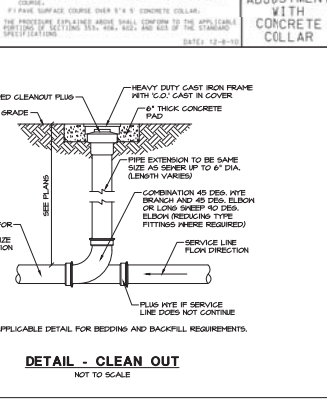
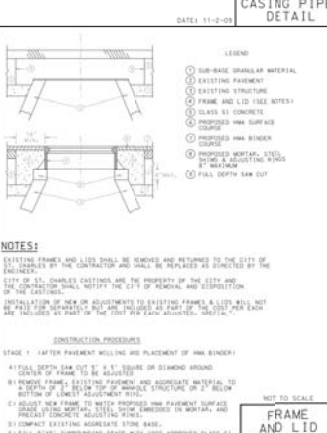
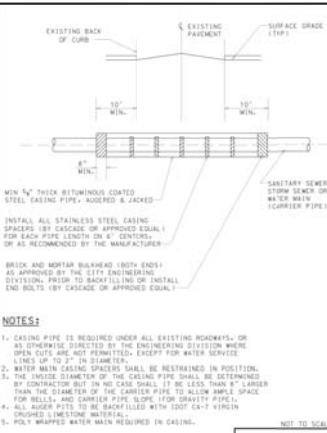
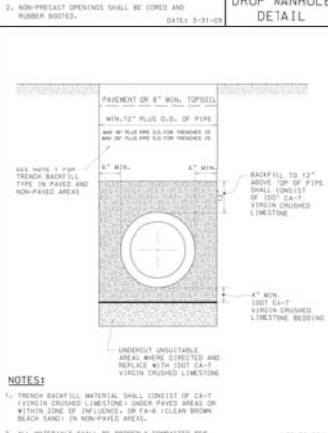
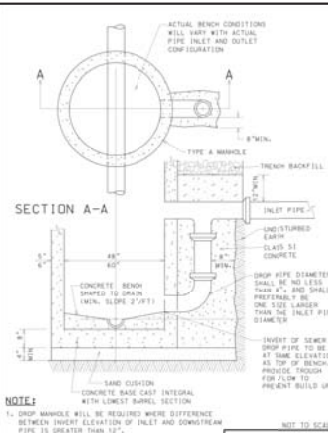
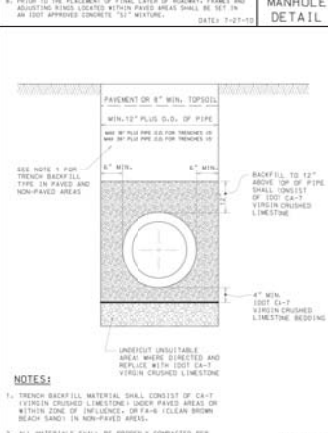
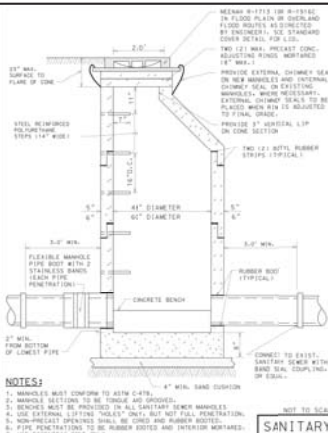
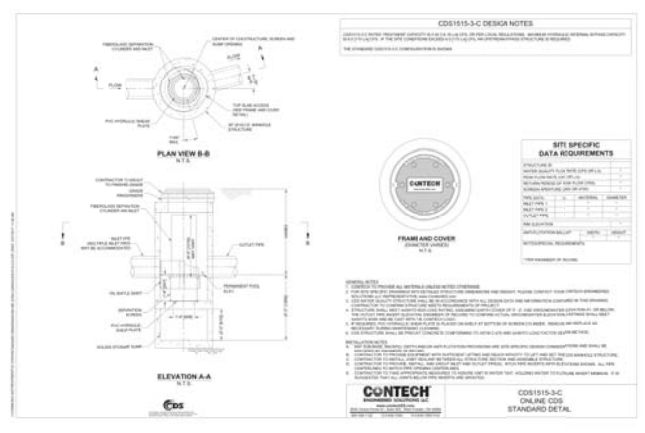
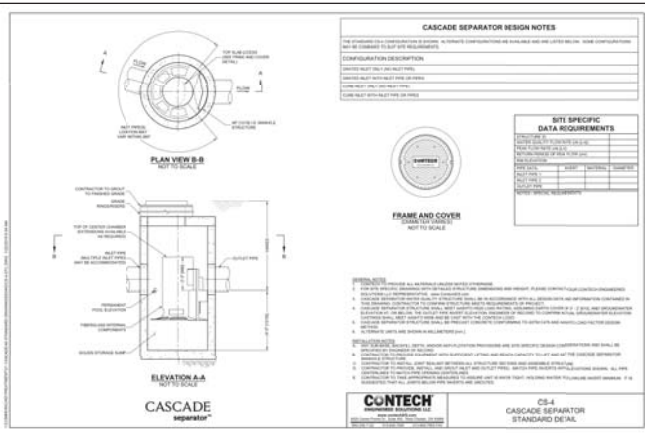
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3301/180 BUTTERFIELD ROAD
WARRENVILLE, IL 60055

ISSUE

TO	DATE
REV. SITE	8/19/19
REV. SITE	8/26/19
REV. SITE	1/13/20
REV. SITE	2/4/20
REV. SITE	2/13/20
REV. SITE	2/19/20
REV. SITE	6/9/20

CHECKED BY: _____
DRAWN BY: _____
JOB: 1910803C

C-4.1
SITE GRADING PLAN



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 Engineering • Design • Construction

CIMA DEVELOPERS
 300180 BUTTERFIELD ROAD
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THE PRIDE OF KANE COUNTY
 33W573 EAST MAIN STREET
 SAINT CHARLES, ILLINOIS 60174

ACCESSIBILITY CONSULTING \ LAND SURVEY

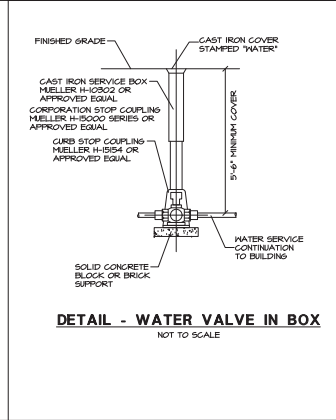
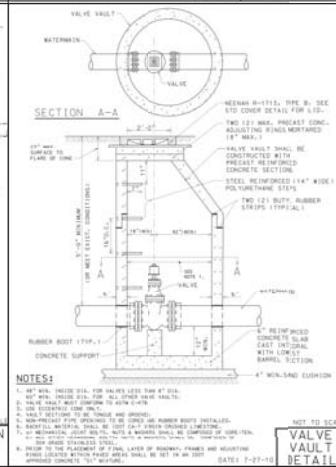
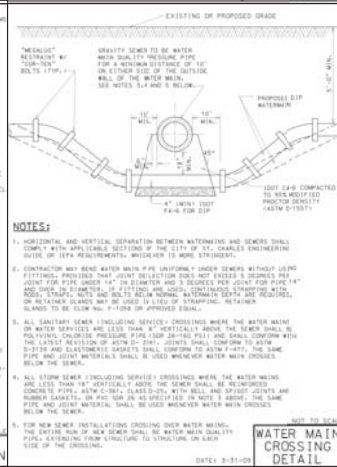
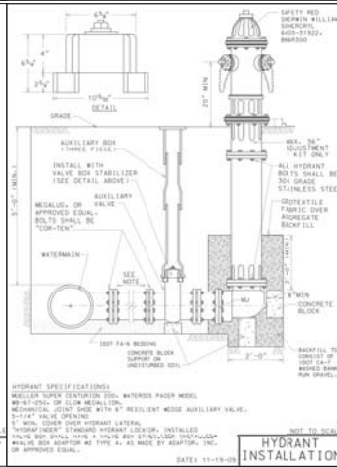
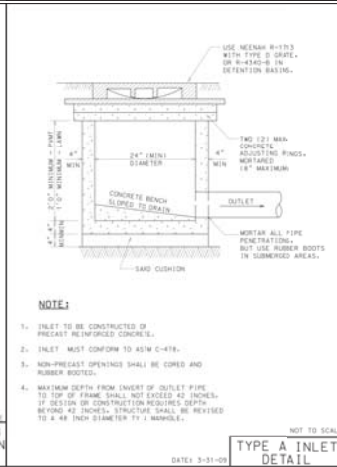
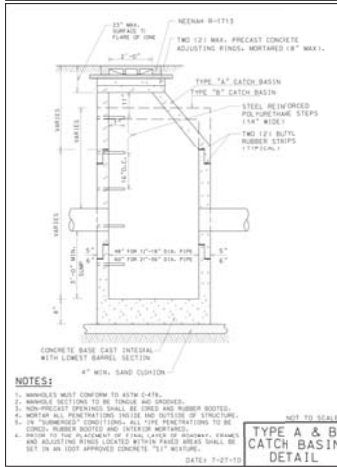
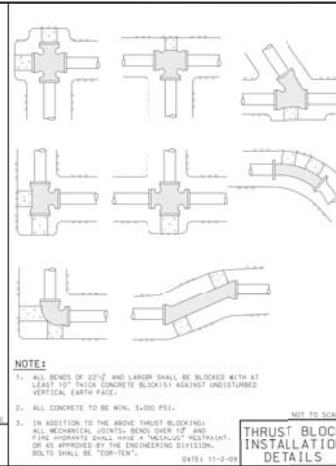
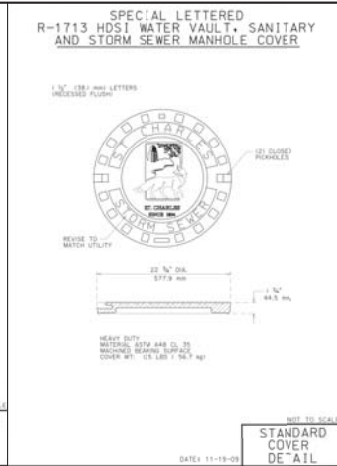
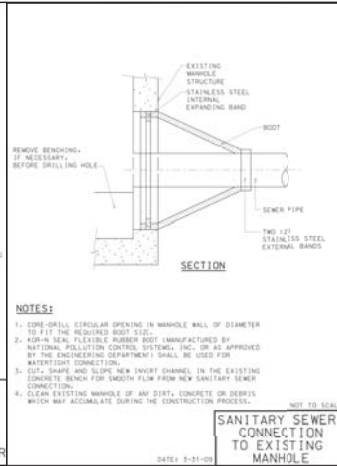
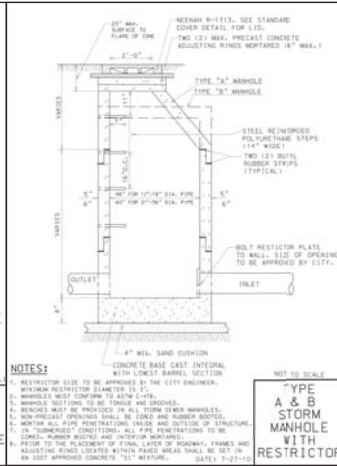
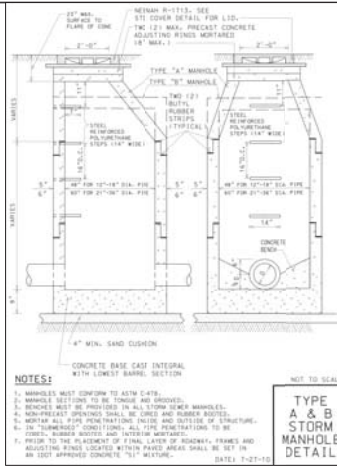
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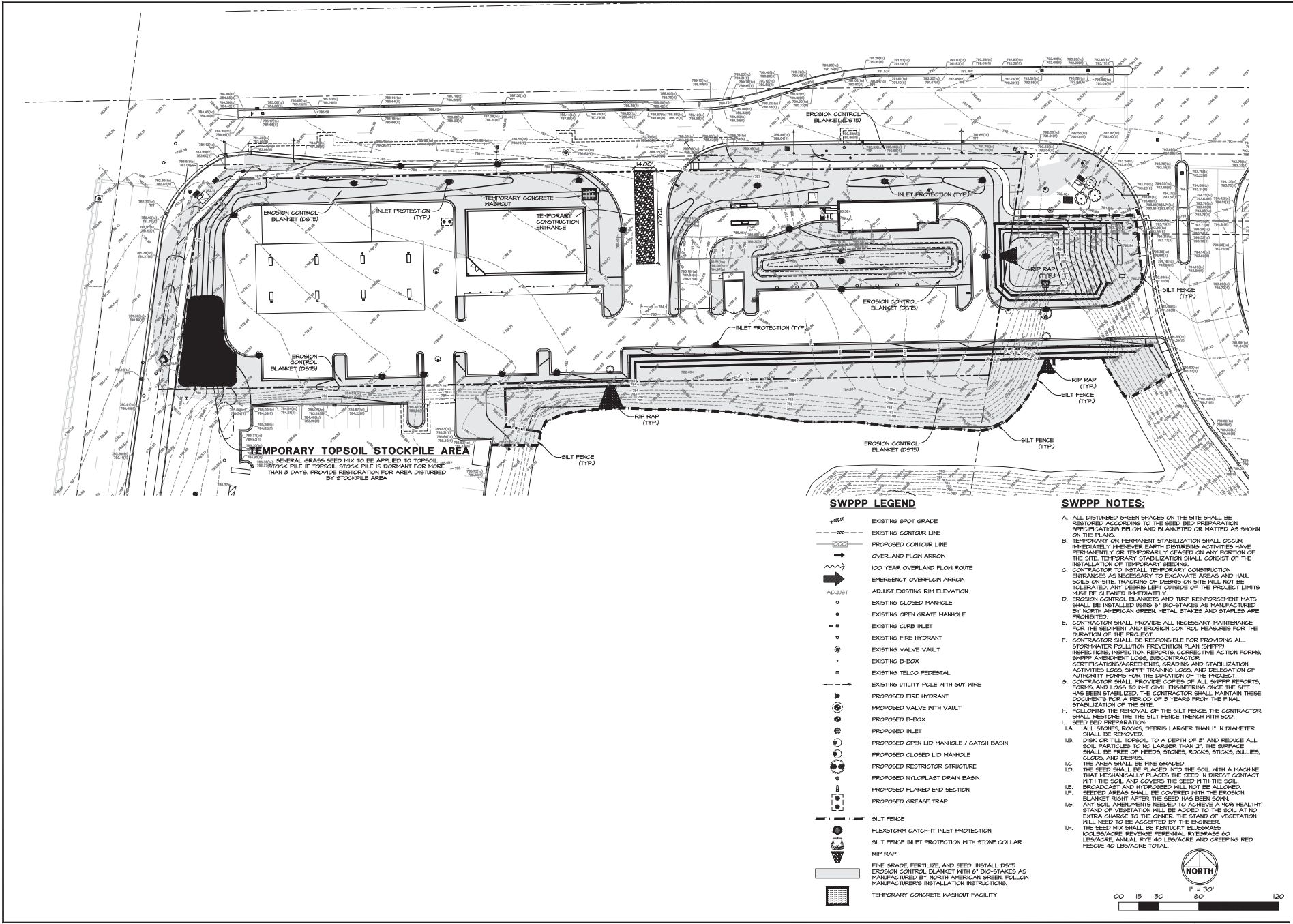
ISSUE

TO DATE
REV. SITE 8/19/19
REV. SITE 8/26/19
REV. SITE 1/13/20
REV. SITE 2/4/20
REV. SITE 2/11/20
REV. SITE 2/13/20
REV. SITE 6/30/20

CHECK/TO
DRAWN/TEP
 JOB:1910803C

C-5.1
 SITE UTILITY DETAILS





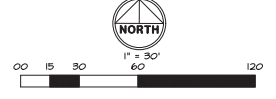
TEMPORARY TOPSOIL STOCKPILE AREA
 GENERAL GRASS SEED MIX TO BE APPLIED TO TOPSOIL STOCKPILE IF TOPSOIL STOCKPILE IS DORMANT FOR MORE THAN 30 DAYS. PROVIDE RESTORATION FOR AREA DISTURBED BY STOCKPILE AREA.

SWPPP LEGEND

- EXISTING SPOT GRADE
- EXISTING CONTOUR LINE
- PROPOSED CONTOUR LINE
- OVERLAND FLOW ARROW
- 100 YEAR OVERLAND FLOW ROUTE
- EMERGENCY OVERFLOW ARROW
- ADJUST EXISTING RIM ELEVATION
- EXISTING CLOSED MANHOLE
- EXISTING OPEN GRATE MANHOLE
- EXISTING CURB INLET
- EXISTING FIRE HYDRANT
- EXISTING VALVE VAULT
- EXISTING B-BOX
- EXISTING TELCO PEDESTAL
- EXISTING UTILITY POLE WITH GUY WIRE
- PROPOSED FIRE HYDRANT
- PROPOSED VALVE VAULT
- PROPOSED B-BOX
- PROPOSED INLET
- PROPOSED OPEN LID MANHOLE / CATCH BASIN
- PROPOSED CLOSED LID MANHOLE
- PROPOSED RESTRICTOR STRUCTURE
- PROPOSED NYLON LAST DRAIN BASIN
- PROPOSED FLARED END SECTION
- PROPOSED GREASE TRAP
- SILT FENCE
- FLEXSTORM CATCH-INLET PROTECTION
- SILT FENCE INLET PROTECTION WITH STONE COLLAR
- RIP RAP
- FINE GRADE, FERTILIZE AND SEED. INSTALL DISTS EROSION CONTROL BLANKET WITH 6" BIG-STAKES AS MANUFACTURED BY NORTH AMERICAN GREEN FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- TEMPORARY CONCRETE WASHOUT FACILITY

SWPPP NOTES:

- A. ALL DISTURBED GREEN SPACES ON THE SITE SHALL BE RESTORED ACCORDING TO THE SEED BED PREPARATION SPECIFICATIONS BELOW AND BLANKETED OR MATTED AS SHOWN ON THE PLAN.
- B. TEMPORARY OR PERMANENT STABILIZATION SHALL OCCUR IMMEDIATELY WHENEVER EARTH DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE. TEMPORARY STABILIZATION SHALL CONSIST OF THE INSTALLATION OF TEMPORARY SEEDING.
- C. CONTRACTOR TO INSTALL TEMPORARY CONSTRUCTION ENTRANCES AS NECESSARY TO ELEVATE AREAS AND HAIL SOILS ON-SITE. TRACKING OF DEBRIS ON SITE WILL NOT BE TOLERATED. ANY DEBRIS LEFT OUTSIDE OF THE PROJECT LIMITS MUST BE CLEANED IMMEDIATELY.
- D. EROSION CONTROL BLANKETS AND TURF REINFORCEMENT MATS SHALL BE INSTALLED USING 6" BIG-STAKES AS MANUFACTURED BY NORTH AMERICAN GREEN. METAL STAKES AND STAPLES ARE PROHIBITED.
- E. CONTRACTOR SHALL PROVIDE ALL NECESSARY MAINTENANCE FOR THE SEDIMENT AND EROSION CONTROL MEASURES FOR THE DURATION OF THE PROJECT.
- F. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL STORMWATER POLLUTION PREVENTION PLAN (SWPPP) INSPECTIONS, INSPECTION REPORTS, CORRECTIVE ACTION FORMS, SWPPP AMENDMENT LOGS, SUBCONTRACTOR CERTIFICATIONS/AGREEMENTS, GRADING AND STABILIZATION ACTIVITIES LOGS, SWPPP TRAINING LOGS, AND DELEGATION OF AUTHORITY FORMS FOR THE DURATION OF THE PROJECT.
- G. CONTRACTOR SHALL PROVIDE COPIES OF ALL SWPPP REPORTS, FORMS, AND LOGS TO PAE CIVIL ENGINEERING ONCE THE SITE HAS BEEN STABILIZED. THE CONTRACTOR SHALL MAINTAIN THESE DOCUMENTS FOR A PERIOD OF 3 YEARS FROM THE FINAL STABILIZATION OF THE SITE.
- H. FOLLOWING THE REMOVAL OF THE SILT FENCE, THE CONTRACTOR SHALL RESTORE THE SILT FENCE TRENCH WITH SOIL.
- I. SEED BED PREPARATION
 - 1A. ALL STONES, ROCKS, DEBRIS LARGER THAN 1" IN DIAMETER SHALL BE REMOVED.
 - 1B. DISK OR TILL TOPSOIL TO A DEPTH OF 3" AND REDUCE ALL SOIL PARTICLES TO NO LARGER THAN 2". THE SURFACE SHALL BE FREE OF NEEDS, STONES, ROCKS, STICKS, GULLIES, CLOS, AND DEBRIS.
 - 1C. THE AREA SHALL BE FINE GRADED.
 - 1D. THE SEED SHALL BE PLACED INTO THE SOIL WITH A MACHINE THAT MECHANICALLY PLACES THE SEED IN DIRECT CONTACT WITH THE SOIL AND COVERS THE SEED WITH THE SOIL. BROADCAST AND HYPOBROWZING WILL NOT BE ALLOWED.
 - 1E. SEEDING AREAS SHALL BE COVERED WITH THE EROSION BLANKET RIGHT AFTER THE SEED HAS BEEN SOWN.
 - 1F. ANY SOIL AMENDMENTS NEEDED TO ACHIEVE A 40% HEALTHY STAND OF VEGETATION WILL BE ADDED TO THE SOIL AT NO EXTRA CHARGE TO THE OWNER. THE STAND OF VEGETATION WILL NEED TO BE ACCEPTED BY THE ENGINEER.
 - 1G. THE SEED MIX SHALL BE KENTUCKY BLUEGRASS 10 LBS/ACRE, REVERSE PERENNIAL RYEGRASS 40 LBS/ACRE, ANNUAL RYE 40 LBS/ACRE, AND CREEPING RED FESCUE 40 LBS/ACRE TOTAL.



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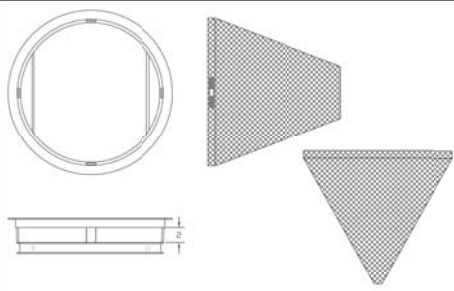
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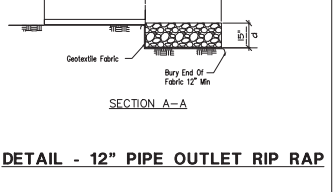
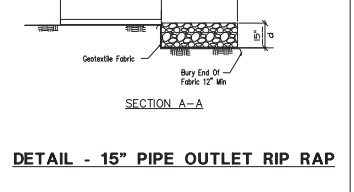
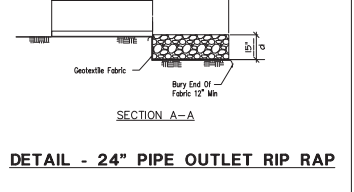
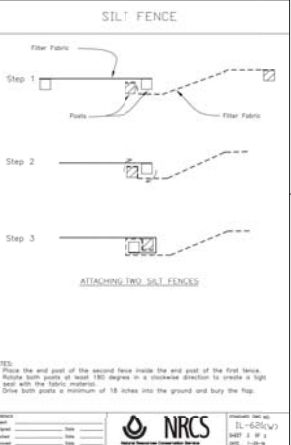
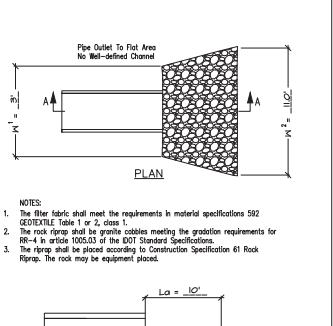
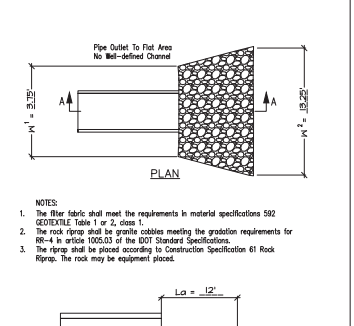
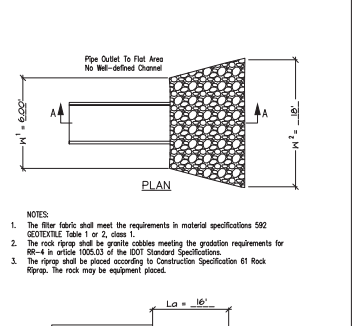
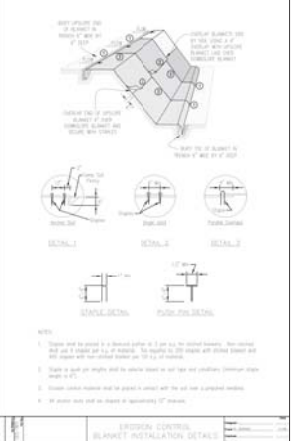
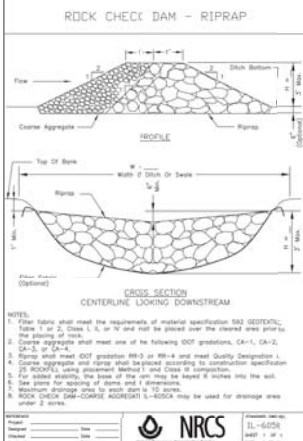
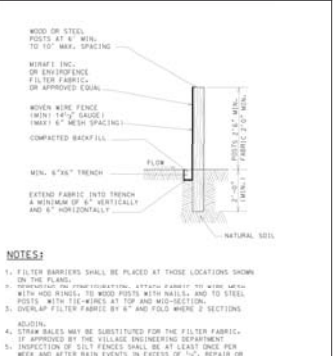
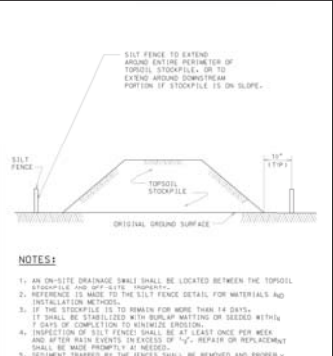
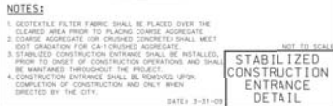
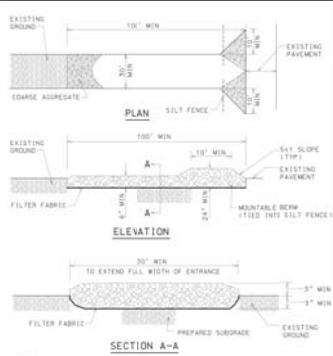
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C-6.0
 STORMWATER
 POLLUTION PREVENTION
 PLAN



DATE	REVISION
	Original

Typical Round Catch-All
 Marathon Materials, Inc.



GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWINGS:
- ILLINOIS DEPARTMENT OF TRANSPORTATION 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION,' LATEST EDITION.
- 'STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS,' LATEST EDITION.
- 'ILLINOIS URBAN MANUAL,' LATEST EDITION.
- BUILDING CODES AND ORDINANCES OF THE LOCAL GOVERNING AUTHORITIES.
- UNITED STATES DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS, 29 CFR PART 1926, 'SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION.'
- ILLINOIS DRAINAGE LAW.
- ILLINOIS ENVIRONMENTAL BARRIERS ACT.
- ILLINOIS ACCESSIBILITY CODE.
- ILLINOIS ENVIRONMENTAL PROTECTION AGENCY REQUIREMENTS.
- TITLE 35 OF THE ILLINOIS ADMINISTRATIVE CODE.
- ALL REQUIRED PERMITS FROM THE APPROPRIATE GOVERNING AGENCY(S) SHALL BE OBTAINED FOR CONSTRUCTION ALONG OR ACROSS EXISTING STREETS OR HIGHWAYS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR PROPER BRACING, SHEETING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE ALL NECESSARY REPAIRS AT HIS EXPENSE AND TO THE SATISFACTION OF THE GOVERNING AGENCY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNAGE AND TRAFFIC CONTROL DEVICES TO FORM AND PROTECT THE WORK AREA.
- CONTRACTOR SHALL NOTIFY THE LOCAL ENGINEERS OR PUBLIC WORKS DEPARTMENT AND/OR OTHER GOVERNING AUTHORITY(IES) 48 HOURS PRIOR TO COMMENCING CONSTRUCTION ON EACH MAJOR CATEGORY OF WORK, INCLUDING BUT NOT LIMITED TO ANY EARTHWORK, PARKING LOTS, CONCRETE CURBS OR UTILITY INSTALLATIONS. 12 HOUR NOTICE SHALL BE GIVEN FOR ANY WORK ITEM THAT REQUIRES INSPECTION AND TESTING, SUCH AS SANITARY SEWER OR WATER MAIN INSTALLATION.
- CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES (GAS, ELECTRIC, TELEPHONE, CABLE, ETC.) AND THE LOCAL MUNICIPALITY TO DETERMINE THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO AVOID POTENTIAL COLLISIONS. CONTRACTOR SHALL CALL THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) AT 1-800-252-2028 OR BY DIALING 811. IT IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES AND MARKERS INDICATED ON THE PLANS OR NOT AND TO HAVE THESE UTILITIES STAKED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PRIVATE AND PUBLIC UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE AND TO THE SATISFACTION OF THE UTILITY OWNER.
- ALL EASEMENTS FOR EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS PREPARED BY THE CONTRACTOR AND FOR THEIR PROTECTION. CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND FOR THEIR PROTECTION. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION OPERATIONS, IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED IN CONFLICT IN LOCATION WITH THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER SO THE CONFLICT MAY BE RESOLVED.
- ALL UTILITY CONNECTIONS TO EXISTING LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RULES AND REGULATIONS AND TO THE SATISFACTION OF THE APPLICABLE UTILITY OWNERS.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, COORDINATES AND ELEVATIONS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES SO THE CONFLICT MAY BE RESOLVED.
- ALL PROPERTY MARKERS AND REFERENCE MARKERS SHALL BE CAREFULLY PRESERVED DURING CONSTRUCTION UNTIL THEIR LOCATION HAS BEEN ATTENDED TO OTHERWISE TIED BY AN AUTHORIZED AGENT OR PROFESSIONALLY LICENSED SURVEYOR.
- THE SAFE AND ORDERLY PASSAGE OF TRAFFIC AND PEDESTRIANS SHALL BE PROVIDED THROUGH CONSTRUCTION OPERATIONS ABOUT PUBLIC THROUGH-PASSES AND ADJACENT PROPERTY.
- ALL AREAS DISTURBED BY THE GENERAL CONTRACTOR OR SUB-CONTRACTORS SHALL BE RETURNED TO THE ORIGINAL CONDITIONS OR BETTER, EXCEPT WHERE PROPOSED CONSTRUCTION IS SHOWN ON THE PLANS.
- NO BURNING OR INCINERATION OF RUBBISH SHALL BE PERMITTED ON SITE.
- PRIOR TO INITIAL ACCEPTANCE BY THE OWNER'S AND/OR GOVERNING AUTHORITY, ALL WORK SHALL BE INSPECTED AND APPROVED BY THE OWNER AND MUNICIPALITY ENGINEER OR HIS REPRESENTATIVE(S). THE CONTRACTOR SHALL GUARANTEE HIS WORK FOR A PERIOD OF 18 (EIGHTEEN) MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION AND SHALL BE HELD RESPONSIBLE FOR ANY DEFECTS IN MATERIAL OR WORKMANSHIP OF THIS WORK DURING THAT PERIOD AND UNTIL FINAL ACCEPTANCE IS MADE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE WORKING CONDITIONS THROUGHOUT THE DURATION OF CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
- CONTRACTOR SHALL KEEP THE PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS AND WHEN NECESSARY, CLEAN PAVEMENTS AT THE END OF EACH WORKING DAY.
- ALL CONSTRUCTION STAKING, SCHEDULING AND PAYMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THREE (3) ORIGINAL COPIES OF ALL SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR (BUT NOT LIMITED TO) THE FOLLOWING ITEMS:
 - ASPHALT PAVEMENT MIX DESIGN
 - CONCRETE MIX DESIGN
 - GRANULAR MATERIAL GRADATION
 - PRECAST CONCRETE STRUCTURES (MANHOLES, INLETS, CATCH BASINS, VALVETS, ETC.)
 - WATER MAIN MATERIALS (VALVES, FIRE HYDRANTS, ETC.)
- AFTER COMPLETION OF THE PROPOSED IMPROVEMENTS AND WHEN REQUIRED BY THE GOVERNING AUTHORITY(IES), CONTRACTOR SHALL PROVIDE THE OWNER AND ENGINEER WITH AN AS-BUILT AND/OR RECORD DRAWINGS, SIGNED AND SEALED BY A PROFESSIONALLY LICENSED ENGINEER OR SURVEYOR AND SHALL INCLUDE AT A MINIMUM THEREIN:
 - THE DATE OF SUBSTANTIAL COMPLETION AND SHALL BE HELD RESPONSIBLE FOR ANY DEFECTS IN MATERIAL OR WORKMANSHIP OF THIS WORK DURING THAT PERIOD AND UNTIL FINAL ACCEPTANCE IS MADE.
- TOBSERVATORY AND SPOT GRADE ELEVATIONS OF ALL PROPOSED PERMANENT SITE FEATURES INCLUDING ANY STORM WATER FACILITIES OR MODIFICATIONS TO EXISTING STORM WATER FACILITIES.
- HORIZONTAL AND VERTICAL LOCATION AND ALIGNMENT OF ALL PROPOSED ROADWAYS, PARKING LOTS, UTILITIES, BUILDINGS OR OTHER PERMANENT SITE FEATURES.
- RHI AND INVERT AND/ OR PIPE ELEVATIONS FOR ALL PROPOSED UTILITIES.
- AS-BUILT AND/OR RECORD DRAWINGS INFORMATION SHALL BE SHOWN ON THE APPROVED ENGINEERING PLANS ISSUED FOR CONSTRUCTION. ANY AND ALL LOCATION OR DRAIN FIELD OR DRAIN FIELD OR DRAIN FIELD INFORMATION LOCATIONS THROUGH THE PROPOSED IMPROVEMENTS AND CLEARLY INDICATING THE AS-BUILT LOCATIONS AND ELEVATIONS ON THE APPLICABLE PLAN SHEET.

SITE GRADING AND PAVING

- ALL SITE WORK, GRADING, AND PAVING OPERATIONS WITHIN THE LIMITS OF THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION,' LATEST EDITION ('STANDARD SPECIFICATIONS'), ANY SPECIAL PROVISIONS, THE NOTES IN THE PLANS AND BLACK ORDINANCES WITH THE CODES AND ORDINANCES OF THE GOVERNING AUTHORITIES. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
- EARTH EXCAVATION SHALL INCLUDE CLEARING, STRIPPING AND STOCKPILING TOPSOIL, REMOVING UNSUITABLE MATERIALS, CONSTRUCTION OF PROPOSED AREAS AND REPAIRING AND REPLACING UNDESIRABLE MATERIALS TO THE LINES, GRADES AND CROSS SECTIONS SHOWN ON THE PLANS. THIS WORK SHALL BE PERFORMED AS INDICATED ON THE PLANS AND IN ACCORDANCE WITH SECTION 200 OF THE 'STANDARD SPECIFICATIONS.' ALL UNSUITABLE OR EXHAUSTIVE MATERIALS SHALL BE REMOVED OFF-SITE OR AS DIRECTED BY THE PROJECT REPRESENTATIVE IN THE FIELD.
- EXCAVATED TOPSOIL SHALL BE STOCKPILED ON THE SITE IN AREAS DESIGNATED BY THE PROJECT ENGINEER UNTIL SUCH THAT THIS TOPSOIL CAN BE USED FOR FINAL GRADING, UNLESS OTHERWISE NOTED ON THE PLANS, A MINIMUM OF 6" TOPSOIL RE-SREAD AND SEEDING FOR ALL DISTURBED AREAS IS REQUIRED.
- THE SOILS INVESTIGATION REPORT FOR THE SITE AND ALL APPENDIX THEREIN ARE SUPPORTING DOCUMENTS FOR THIS PROJECT. THE RECOMMENDATIONS AS STATED IN SAID REPORT ARE HEREBY INCORPORATED INTO THESE CONSTRUCTION NOTES BY REFERENCE AND SHALL BE FOLLOWED BY ALL CONTRACTORS. THE GRADING OPERATIONS ARE TO BE CLOSELY SUPERVISED AND INSPECTED, PARTICULARLY DURING THE REMOVAL OF UNSUITABLE MATERIAL AND THE CONSTRUCTION OF EMBANKMENTS OR BUILDING PATTS. BY A SOILS ENGINEER OR HIS REPRESENTATIVE. FINISHED CONSTRUCTION OPERATIONS WILL NOT BE PERMITTED UNTIL THE SOILS ENGINEER ISSUES A WRITTEN STATEMENT THAT THE AREA IN QUESTION HAS BEEN SATISFACTORILY PREPARED AND IS READY FOR CONSTRUCTION.
- ALL TESTING, INSPECTION AND SUPERVISION OF SOIL QUALITY, UNSUITABLE SOIL REMOVAL, RE-SPREADING AND OTHER SOILS RELATED OPERATIONS SHALL BE ENTIRELY THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL USE CARE IN GRADING NEAR TREES, SHRUBS, AND BUSHES WHICH ARE NOT NOTED TO BE REMOVED SO AS NOT TO CAUSE INJURY TO ROOTS OR TRUNKS.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING TRENCH WHICH ARE NOT INDICATED TO BE REMOVED. TO DAMAGE DONE TO THESE EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT HIS OWN EXPENSE.
- REMOVED DRIVEWAY PAVEMENT, SIDEWALKS, CURBS, TRENCHES AND STUMPS SHALL BE EXCAVATED TO A LEGALLY CORRECT SITE LOCATIONS DETERMINED BY THE CONTRACTOR.
- ON AND OFF SITE PAVING AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE AND IF SHALL BE REPAIRED AT HIS OWN EXPENSE. IF TEST STATE AND LOCAL STANDARD SPECIFICATIONS IN MATERIALS AND CONSTRUCTION.
- PROPOSED ELEVATIONS INDICATE FINISHED GRADE CONDITIONS. FOR ROUGH GRADING ELEVATIONS ALLOW FOR THE THICKNESS OF THE PROPOSED PAVING (ROADS, WALKS, DRIVE, ETC.) SECTION OR TOPSOIL AS INDICATED ON THE PLANS.
- CONTRACTOR SHALL PROVIDE SMOOTH VERTICAL CURVES THROUGH THE HIGH AND LOW POINTS INDICATED BY SPOT ELEVATIONS ON THE PLANS. CONTRACTOR SHALL PROVIDE SMOOTH TRANSITIONS BETWEEN NEW AND EXISTING GRADES AND AVOID ANY RIDGES AND/OR DEPRESSIONS.
- ALL PROPOSED GRASSES, PAVEMENT, APRONS, CURBS, WALKS, ETC. SHALL MATCH EXISTING GRASSES, PAVING.
- ALL EXISTING AND PROPOSED TOP OF FRAME ELEVATIONS FOR STORM, SANITARY, WATER AND OTHER UTILITY STRUCTURES SHALL BE ADJUSTED TO MEET FINISHED GRADE WITHIN THE PROJECT LIMITS.
- ALL CONCRETE PAVED SHALL BE:
 - MINIMUM COMPRESSED STRENGTH: 3500 P.S.I. AT 28 DAYS PER I.D.7.3
 - 4500 P.S.I. AT 28 DAYS PER A.C.U.
 - MAX WATER-CEMENTIOUS MATERIALS RATIO, 0.44 (AIR-ENTRAINED)
 - AIR CONTENT, 6% +/- 1/8% AT POINT OF DELIVERY FOR EXPOSED CONCRETE
- WHEN FIBER MESH REINFORCEMENT IS SPECIFIED, IT SHALL CONSIST OF FIBERGLASS PULTRUDED FIBERS REINFORCED AND DESIGNED FOR USE IN CONCRETE PAVEMENT, COMPLYING WITH ASTM C 1106, TYPE III, TO 3 INCHES LONG. FIBERS SHALL BE UNIFORMLY DISPERSED IN THE CONCRETE MIXTURE AT THE MANUFACTURER'S RECOMMENDED RATE, BUT NOT LESS THAN 1.5 LB / YD².
- THE GRADING AND CONSTRUCTION OF THE PROPOSED PAVEMENT IMPROVEMENTS SHALL NOT CAUSE POONDING OF STORM WATER, ALL AREAS ADJACENT TO THESE IMPROVEMENTS SHALL BE GRADED TO ALLOW POSITIVE DRAINAGE AND MATCH EXISTING GRADES FLUSH.
- CONTRACTOR SHALL ENSURE POSITIVE SITE DRAINAGE AT THE END OF EACH WORKING DAY DURING CONSTRUCTION OPERATIONS. FAILURE TO PROVIDE ADEQUATE DRAINAGE WILL PRECLUDE THE CONTRACTOR FROM ANY POSSIBLE COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT.
- DRIVEWAYS SHALL BE CONSTRUCTED SO AS NOT TO IMPEDE THE SURFACE DRAINAGE SYSTEM.
- TRAFFIC CONTROL DEVICES SHALL BE IN CONFORMANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARDS AND SHALL BE INSTALLED AND PROVIDED WHENEVER CONSTRUCTION FOR UTILITIES ARE WITHIN STREET READ. APPLICABLE REGULATIONS, COUNTY OR STATE SHALL ALSO GOVERN THE TRAFFIC CONTROL REQUIREMENTS.

WATER MAINS AND SEWERS

HORIZONTAL SEPARATION REQUIREMENTS

- WATER MAINS SHALL BE LOCATED AT LEAST TEN (10) FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED DRAIN STORM SEWER, SANITARY SEWER, COMBINED SEWER, OR SEWER SERVICE CONNECTION.
- WATER MAINS MAY BE LOCATED CLOSER THAN TEN (10) FEET TO A SEWER LINE WHEN:
 - LOCAL CONDITIONS PREVENT A LATERAL SEPARATION OF TEN (10) FEET; AND
 - THE WATER MAIN INVERT IS AT LEAST EIGHTEEN (18) INCHES ABOVE THE CROWN OF THE SEWER; AND
 - THE WATER MAIN IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER.
- WHEN IT IS IMPOSSIBLE TO MEET (1) OR (2) ABOVE BOTH THE WATER MAIN AND DRAIN OR SEWER SHALL BE INSTALLED IN A JOINT CAST OR DUCTILE IRON PIPE, ASBESTOS-CEMENT PRESSURE PIPE, PRESTRESSED CONCRETE PIPE, OR PVC PIPE EQUIVALENT TO THE MAIN STANDARD OF CONSTRUCTION. THE JOINT SHALL BE PRESSURE TESTED FOR THE MAXIMUM EXPECTED SURCHARGE HEAD PRIOR TO BACKFILLING.

SANITARY SEWERS

- ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS,' LATEST EDITION AND ALL SUBSEQUENT REVISIONS THEREOF ('STANDARD SPECIFICATIONS'), ANY SPECIAL PROVISIONS, THE NOTES ON THE PLANS AND ACCORDANCE WITH THE CODES AND ORDINANCES OF THE GOVERNING AUTHORITIES. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
- ALL SANITARY SEWER PIPE AND STRUCTURES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH DIVISION II OF THE 'STANDARD SPECIFICATIONS.'
- ALL SANITARY SEWER PIPE SHALL BE POLYVINYL CHLORIDE (PVC) SDR 26 PER ASTM D-3034 WITH HATERIGHT JOINTS CONFORMING TO ASTM D-3312, UNLESS OTHERWISE NOTED.
- WHERE SANITARY SEWER PIPE IS NOTED AS PVC C-400, THE PIPE SHALL BE IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARD C-400 WITH HATERIGHT, PRESSURE RATED JOINTS CONFORMING TO ASTM D-3394.
- SANITARY SEWER CONSTRUCTION SHALL COMMENCE AT THE EXISTING MANHOLE'S EXISTING CONNECTION POINTS INDICATED ON THE PLANS.
- A WATERTIGHT PLUS SHALL BE INSTALLED AND LEFT IN PLACE AT THE POINT OF COMMENCEMENT UNTIL THE REMAINDER OF THE PROPOSED SEWERS HAVE BEEN CONSTRUCTED, PROPERLY TESTED AND DEEMED READY FOR FINAL ACCEPTANCE.
- ALL SANITARY SEWER TRENCH EXCAVATIONS AND PIPE FOUNDATION BEDDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF DIVISION II OF THE 'STANDARD SPECIFICATIONS.'
- ALL SANITARY SEWERS MUST BE PLACED ON PROPERLY COMPACTED STONE BEDDING. PIPE BEDDING MATERIAL SHALL BE A MINIMUM OF FOUR (4) INCHES THICK UNDER THE BARREL OF THE PIPE AND FOR PVC PIPE MATERIAL, SHALL BE EXTENDED A MINIMUM OF 12" OVER THE TOP OF THE PIPE PER ASTM D-3034. UNDER THE BARREL OF THE PIPE SHALL BE CRUSHED GRAVEL OR STONE MEETING DOT GRADATION CA-11 OR CA-15.
- TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY, PER ASTM D-1587, OVER ALL SANITARY SEWERS WHICH ARE CONSTRUCTED UNDER OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS OR DRIVEWAYS.
- CONTRACTOR IS REQUIRED TO RECORD THE LOCATION OF ALL SEWERS AND FURNISH THE INFORMATION TO THE PROJECT ENGINEER AND/OR OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION. ALL SEWERS RIG OR MEASUREMENTS TO LOT CORNERS OR OTHER PERMANENT SITE FEATURE AND SHALL BE FURNISHED TO THE PROJECT ENGINEER AND/OR OWNER'S REPRESENTATIVE UPON PROJECT COMPLETION. THIS INFORMATION AND IF SHALL BE REPAIRED AT HIS OWN EXPENSE. IF THE CONTRACTOR FAILS TO PROPERLY LOCATE ANY SEWER, HE SHALL BE RESPONSIBLE FOR ANY DAMAGE WHICH IS INCURRED AS A RESULT OF THE IMPROPERLY LOCATED UTILITIES.
- ALL SANITARY SEWER MANHOLES SHALL BE PRECAST CONCRETE AND SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF DIVISION II, SECTION 92 OF THE 'STANDARD SPECIFICATIONS' AND THE DETAILS IN THE PLANS.
- A FLEXIBLE TIE JOINT SHALL BE FURNISHED AT POINTS OF ENTRY INTO EXISTING TRENCH FROM MANHOLES AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. THIS FLEXIBLE JOINT SHALL BE CONSIST OF A SLEEVE OF HIGH QUALITY SYNTHETIC RUBBER WITH A SUBSTANTIAL SERRATED FLANGE WHICH IS CAST DIRECTLY INTO THE END OF THE MANHOLE BASE TO FORM A WATER TIGHT SEAL AND PROTRUDES OUTSIDE OF THE MANHOLE WALL TO CONNECT WITH THE PIPE ENTERING/TRENCH. THE SEWER SHALL SLIP OVER THE END OF THE PIPE ADJACENT TO THE MANHOLE BASE AND SHALL BE SECURED BY MEANS OF A STAINLESS STEEL STRAP CLAMP, GALVANIZED AND NOT PAINTED.
- ALL REQUIRED MANHOLE RIM ADJUSTMENTS SHALL BE MADE WITH PRECAST CONCRETE ADJUSTING RINGS NOT TO EXCEED A MAXIMUM OF EIGHT (8) INCHES IN OVERALL HEIGHT. A MAXIMUM OF TWO (2) ADJUSTING RINGS ARE ALLOWED. BUTYLOPE JOINT SEALANT SHALL BE USED ON ALL JOINTS BETWEEN THE ADJUSTING RINGS.
- AFTER FINAL ADJUSTMENTS HAVE BEEN MADE, ALL JOINTS IN PRECAST STRUCTURES SHALL BE MORTARED. THE MORTAR SHALL BE COMPOSED OF ONE (1) PART CEMENT TO THREE (3) PARTS SAND, BY VOLUME, BASED ON DRY WEIGHTS AND SHALL BE THOROUGHLY VIBRATED BEFORE LAYING.
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING NYE, TEE, OR MANHOLE, THE FOLLOWING METHOD SHALL BE USED:
 - CIRCULAR SAWN-OUT SEWER MAIN BY PROPER TOOLS (SEWER-TAP MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HALF-TEE SADDLE OR HALF-TEE SADDLE.
- ALL FLOOR DRAINS SHALL BE CONNECTED TO THE SANITARY SEWER. ALL FOOTING DRAINS AND DOWNPOUTS SHALL DISCHARGE OUTSIDE THE GROUND OR INTO THE STORM SEWER SYSTEM AS INDICATED ON THE DRAWINGS.
- UPON COMPLETION OF THE SANITARY SEWER CONSTRUCTION, INCLUDING THE SERVICE LINES, ALL SEWERS SHALL BE TESTED IN ACCORDANCE WITH SECTIONS 91-12 AND 91-15 OF THE 'STANDARD SPECIFICATIONS' AND INTENSED BY THE LOCAL GOVERNING AUTHORITY OR AUTHORIZED REPRESENTATIVE.

WATER MAINS

- ALL WATER MAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS,' LATEST EDITION ('STANDARD SPECIFICATIONS'), ANY SPECIAL PROVISIONS, THE NOTES ON THE PLANS AND ACCORDANCE WITH THE CODES AND ORDINANCES OF THE GOVERNING AUTHORITIES. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
- ALL WATER MAIN PIPE AND STRUCTURES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH DIVISION II OF THE 'STANDARD SPECIFICATIONS.'
- ALL WATER MAIN SHALL BE DUCTILE IRON PIPE, CLASS 52 IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS C-15L, C-111 AND C-143, UNLESS OTHERWISE NOTED ON THE PLANS. ALL WATER MAIN PIPE SHALL BE Laid WITH A MINIMUM COVER OF NOT LESS THAN ONE FOOT FROM THE GRADE INDICATED ON THE PLANS OR TO THE SPECIFIC TOP OF PIPE. PROVISIONS 91-12 AND 91-15 OF THE 'STANDARD SPECIFICATIONS' AND INTENSED BY THE LOCAL GOVERNING AUTHORITY OR AUTHORIZED REPRESENTATIVE.
- ALL DUCTILE IRON WATER MAIN PIPE SHALL BE CONSTRUCTED WITH A MINIMUM OF FOUR (4) INCHES THICK UNDER THE BARREL OF THE PIPE AND FOR PVC PIPE MATERIAL, SHALL BE EXTENDED A MINIMUM OF 12" OVER THE TOP OF THE PIPE PER ASTM D-3034. UNDER THE BARREL OF THE PIPE SHALL BE CRUSHED GRAVEL OR STONE MEETING DOT GRADATION CA-11, CA-11 OR CA-15.
- TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY, PER ASTM D-1587, OVER ALL WATER MAINS WHICH ARE CONSTRUCTED UNDER OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS OR DRIVEWAYS.
- A WATER TIGHT PLUS SHALL BE PLACED IN THE END OF THE WATER MAIN PIPE AT THE END OF EACH CONSTRUCTION DAY.
- UPON COMPLETION OF THE WATER MAIN CONSTRUCTION, ALL WATER MAIN SHALL BE TESTED IN ACCORDANCE WITH THE FOLLOWING MINIMUM STANDARDS:
 - FOR CAST IRON WATER MAINS IN ACCORDANCE WITH SECTION 41-2.14 OF THE 'STANDARD SPECIFICATIONS' AND INTENSED 9.1.
 - DISINFECTION IN ACCORDANCE WITH SECTION 41-2.10 OF THE 'STANDARD SPECIFICATIONS' AND INTENSED 9.1. WITHIN SEVEN (7) DAYS OF COMPLETION AND INTENSED BY THE LOCAL GOVERNING AUTHORITY.

WATER SERVICES AND CONNECTIONS

- ALL WATER SERVICE PIPE AND STRUCTURES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH DIVISION IV OF THE 'STANDARD SPECIFICATIONS.'
- ALL WATER SERVICE LINES 2" IN DIAMETER OR SMALLER SHALL BE TYPE 'K' COPPER TUBING CONFORMING TO ASTM B-88-89. NO COUPLERS SHALL BE PERMITTED BETWEEN THE CORPORATION AND CURB STOP OR BETWEEN THE CURB STOP AND THE BUILDING.
- ALL WATER SERVICE FITTINGS INCLUDING CORPORATION STOPS, SERVICE BOXES AND BUFFALO BOXES SHALL BE AS MANUFACTURED BY THE HELLER COMPANY OR APPROVED EQUAL.
- SERVICE BOXES SHALL BE OF SUFFICIENT LENGTH TO PERMIT THE TOP TO BE INSTALLED FLUSH WITH THE FINISHED GRADE. EACH SERVICE BOX SHALL BE PROVIDED WITH A CAP WITH THE WORD 'WATER' CAST IN THE TOP.
- ALL VALVES, VALVE BOXES OR VALVETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF DIVISION IV, SECTION 44 OF THE 'STANDARD SPECIFICATIONS.'
- VALVES SHALL BE AMERICAN FLOW CONTROL SERIES 2500 DUCTILE IRON RESILIENT SEAT EPOXY COATED FLEXION VALVE OR APPROVED EQUAL.
- ALL PRESURE CONNECTIONS TO THE EXISTING WATER MAIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 46 OF THE 'STANDARD SPECIFICATIONS' AND SHALL INCLUDE THE INSTALLATION OF A FULL STAINLESS STEEL TAPPING SADDLE.
- ALL VALVES SHALL BE INSTALLED IN VALVE VALVETS HAVING A MINIMUM DIAMETER OF FIVE (5) FEET BELOW THE PRECAST CONCRETE GROUND SECTION. THE VALVETS SHALL BE CONSTRUCTED OF PRECAST CONCRETE SECTIONS AND SHALL CONFORM TO THE DETAILS SPECIFIED ON THE PLANS. ALL VALVE VALVETS SHALL BE LEAK PROOF.
- ALL REQUIRED TRENCH EXCAVATIONS AND PIPE FOUNDATION BEDDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF DIVISION II OF THE 'STANDARD SPECIFICATIONS' AND THE DETAILS IN THE PLANS.
- ALL REQUIRED RIM ADJUSTMENTS SHALL BE MADE WITH PRECAST CONCRETE ADJUSTING RINGS NOT TO EXCEED A MAXIMUM OF EIGHT (8) INCHES IN OVERALL HEIGHT. A MAXIMUM OF TWO (2) ADJUSTING RINGS ARE ALLOWED. BUTYLOPE JOINT SEALANT SHALL BE USED ON ALL JOINTS BETWEEN THE ADJUSTING RINGS.

WATER MAINS AND SEWERS VERTICAL SEPARATION REQUIREMENTS

- WATER MAINS SHALL BE SEPARATED FROM A SEWER SO THAT ITS INVERT IS A MINIMUM OF EIGHTEEN (18) INCHES ABOVE THE CROWN OF THE DRAIN OR SEWER IN EITHER THE EXISTING OR PROPOSED CONSTRUCTION. SANITARY SEWERS OR SEWER SERVICE CONNECTIONS, THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN TEN (10) FEET HORIZONTALLY OF ANY SEWER AND ACCURATELY MEASURED. A LENGTH OF WATER MAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIDISTANT FROM THE SEWER OR DRAIN.
- BOTH THE WATER MAIN AND DUCTILE IRON PIPE SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT CAST OR DUCTILE IRON PIPE, ASBESTOS-CEMENT PRESSURE PIPE, PRESTRESSED CONCRETE PIPE, OR PVC PIPE EQUIVALENT TO THE MAIN STANDARD OF CONSTRUCTION WHEN:
 - IT IS IMPOSSIBLE TO OBTAIN THE PROPER VERTICAL SEPARATION AS DESCRIBED IN 1. ABOVE; OR
 - THE WATER MAIN PASSES UNDER A SEWER OR DRAIN.
- A VERTICAL SEPARATION OF EIGHTEEN (18) INCHES BETWEEN THE INVERT OF THE SEWER OR DRAIN AND THE CROWN OF THE WATER MAIN SHALL BE MAINTAINED WHERE A WATER MAIN CROSSES UNDER A SEWER, THE SEWER OR STRAINES SHALL BE SUPPORTED TO PREVENT SETTLING AND BREAKING OF THE WATER MAIN, AS SHOWN ON THE PLANS OR AS APPROVED BY THE ENGINEER.
- CONSTRUCTION SHALL EXTEND ON EACH SIDE OF THE CROSSING UNTIL THE PERPENDICULAR DISTANCE FROM THE WATER MAIN TO THE SEWER OR DRAIN LINE IS AT LEAST TEN (10) FEET.

STORM SEWERS

- ALL STORM SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS,' LATEST EDITION ('STANDARD SPECIFICATIONS'), ANY SPECIAL PROVISIONS, THE NOTES ON THE PLANS AND ACCORDANCE WITH THE CODES AND ORDINANCES OF THE GOVERNING AUTHORITIES. IN CASE OF CONFLICT, THE MORE STRINGENT CODE SHALL TAKE PRECEDENCE.
- ALL STORM SEWER PIPE AND STRUCTURES SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH DIVISION IV OF THE 'STANDARD SPECIFICATIONS' AND DIVISIONS 500 AND 600 OF THE 'DOT STANDARD SPECIFICATIONS.'
- ALL RCP STORM SEWER PIPE 12" IN DIAMETER AND LARGER SHALL BE REINFORCED CONCRETE PIPE, CLASS V, PER ASTM C-449 AND SECTION 31-102 OF THE 'STANDARD SPECIFICATIONS.' ALL 10" DIAMETER RCP STORM SEWER PIPE SHALL BE REINFORCED CONCRETE PIPE, CLASS V.
- ALL HDPE STORM SEWER PIPE SHALL BE RIGID HIGH DENSITY POLYETHYLENE PIPE WITH CORRUGATED EXTERIOR AND SMOOTH INTERIOR MEETING AUSTRI H-204, TYPE 5. PIPE SECTIONS SHALL BE JOINED WITH PVC DOUBLE RIB COUPLERS INSTALLED ON THE PIPE WITH GASKET GASKETS. THE RIGIDITY OF THE PIPE SHALL NOT EXCEED THAT OF PVC SDR 26 WITH PUSH-ON JOINTS. ALL HDPE STORM SEWER PIPE SHALL ONLY BE FOR PRIVATE USE.
- ALL PVC STORM SEWER PIPE SHALL BE POLYVINYL CHLORIDE SDR 26 PIPE PER ASTM D-3034 WITH HATERIGHT JOINTS CONFORMING TO ASTM D-3312, UNLESS OTHERWISE NOTED.
- ALL STORM SEWER TRENCH EXCAVATIONS AND PIPE FOUNDATION BEDDING AND HANGINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF DIVISION II OF THE 'STANDARD SPECIFICATIONS.'
- ALL STORM SEWERS MUST BE PLACED ON PROPERLY COMPACTED STONE BEDDING. PIPE BEDDING MATERIAL SHALL BE A MINIMUM OF FOUR (4) INCHES THICK UNDER THE BARREL OF THE PIPE AND FOR PVC PIPE MATERIAL, SHALL BE EXTENDED A MINIMUM OF 12" OVER THE TOP OF THE PIPE PER ASTM D-3034. UNDER THE BARREL OF THE PIPE SHALL BE CRUSHED GRAVEL OR STONE MEETING DOT GRADATION CA-11, CA-11 OR CA-15.
- TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY, PER ASTM D-1587, OVER ALL STORM SEWERS WHICH ARE CONSTRUCTED UNDER OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS OR DRIVEWAYS.
- ALL REQUIRED STORM STRUCTURE RIM ADJUSTMENTS SHALL BE MADE WITH PRECAST CONCRETE ADJUSTING RINGS NOT TO EXCEED A MAXIMUM OF EIGHT (8) INCHES IN OVERALL HEIGHT. A MAXIMUM OF TWO (2) ADJUSTING RINGS ARE ALLOWED. BUTYLOPE JOINT SEALANT SHALL BE USED ON ALL JOINTS BETWEEN THE ADJUSTED ELEVATIONS.
- ALL FIELD TIE JOINTS DURING CONSTRUCTION OPERATIONS SHALL BE PRESERVED TO THE PROPOSED STORM SEWER SYSTEM OR EXTENDED TO OUTLET INTO A PROPOSED DRAINAGE WAY. IF THIS CANNOT BE ACCOMPLISHED, THEN IT SHALL BE REPAIRED WITH NEW PIPE AND REINFORCED WITH NEW CONCRETE TO THE ORIGINAL LINE AND PUT IN ACCEPTABLE OPERATING CONDITION. A RECORD OF THE LOCATION OF ALL FIELD TIE OR DRAIN FIELD JOINTS SHALL BE MAINTAINED BY THE CONTRACTOR AND TURNED OVER TO THE OWNER AND/OR ENGINEER UPON COMPLETION OF THE PROJECT AND ACCURATELY SHOWN ON THE RECORD DRAWINGS.

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 33W573 EAST MAIN STREET
 SAINT CHARLES, ILLINOIS 60174

CIMA DEVELOPERS
 30W180 BUTTERFIELD ROAD
 WARRENVILLE, IL 60555

TO DATE
 REV. SITE 6/15/19
 REV. SITE 6/26/19
 REV. SITE 11/30/20
 REV. SITE 2/4/20
 REV. SITE 3/10/20
 REV. SITE 6/12/20
 REV. SITE 6/15/20

CHECKLIST
 DRAWN: TEP
 JOB: 19019303C

C-7.0
 PROJECT SPECIFICATIONS

STORMWATER POLLUTION PREVENTION NOTES

1. COPIES OF THE APPROVED STORM WATER POLLUTION PREVENTION PLANS SHALL BE MAINTAINED ON THE SITE AT ALL TIMES ALONG WITH THE PERMIT, INCIDENT OF NON-COMPLIANCE (I/CN) FORM AND INSPECTION FORMS.
2. CONTRACTOR SHALL PROVIDE COPIES OF ALL SWPPP REPORTS, FORMS, AND LOGS TO THE CITY ENGINEER. CONTRACTOR SHALL MAINTAIN THESE DOCUMENTS FOR A PERIOD OF 3 YEARS FROM THE FINAL STABILIZATION DATE.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL STORMWATER POLLUTION PREVENTION PLAN INSPECTION REPORTS, CORRECTIVE ACTION FORMS, SWPPP AMENDMENT LOGS, SUBCONTRACTOR CERTIFICATIONS/AGREEMENTS, GRADING AND STABILIZATION ACTIVITIES LOGS, SWPPP TRAINING LOGS, AND DELEGATION OF AUTHORITY FORMS FOR THE DURATION OF THE PROJECT.
- 3.1. ILLINOIS QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A RAINFALL EVENT THAT IS 0.5 INCH OR GREATER (OR EQUIVALENT SNOWFALL). REQUIRED REPAIRS SHOULD BE COMPLETED WITHIN FORTY-EIGHT (48) HOURS OF THE INSPECTION.
- 3.2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUBCONTRACTORS WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DEVICES SHALL BE INSTALLED AND FUNCTIONAL BEFORE THE SITE IS OTHERWISE DISTURBED. THEY SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SITE STABILIZATION HAS BEEN ACHIEVED.
5. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN THOSE INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW.
6. THE GOVERNING AUTHORITIES HAVING JURISDICTION OVER THE PROJECT SITE MUST BE NOTIFIED ONE (1) WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES AND ONE (1) WEEK PRIOR TO THE FINAL INSPECTION.
7. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE GOVERNING AUTHORITY.
8. IF AFTER REPEATED FAILURE ON THE PART OF THE CONTRACTOR TO PROPERLY CONTROL EROSION POLLUTION, THE GOVERNING AUTHORITIES RESERVE THE RIGHT TO EFFECT NECESSARY CORRECTIVE MEASURES AND CHARGE ANY COSTS TO THE CONTRACTOR.
9. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.
10. INLET PROTECTION SHALL BE INSTALLED AROUND EACH INLET OR CATCH BASIN. THESE SHALL BE MAINTAINED UNTIL THE TEMPORARY DRAINAGE AREAS HAVE ADEQUATE GRASS COVER OR APPROPRIATE GROUND STABILIZATION.
11. ALL STREETS ADJACENT TO THE SITE SHALL BE KEPT FREE OF DIRT, MUD AND DEBRIS.
12. CONTRACTORS SHALL MINIMIZE BARE EARTH SURFACES DURING CONSTRUCTION.
13. ALL DISTURBED AREAS SHOULD BE SEEDED OR SOODED WITHIN THREE (3) DAYS OF FINAL DISTURBANCE.
14. WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIALS ARE DEPOSITED IN THE FLOE OF DRAINAGE CHANNELS, DITCHES, OR DITCHES SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THIS LOOSE MATERIAL SHALL BE REMOVED IMMEDIATELY.
15. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY EXISTING STORM DRAINAGE SYSTEMS BY THE USE OF INLET PROTECTION OR OTHER APPROVED FUNCTIONAL METHODS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING SEDIMENT RESULTING FROM CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT.
16. CONSTRUCTION ACCESS POINTS TO THE SITE SHALL BE PROTECTED IN SUCH A MANNER AS TO PREVENT TRACKING OF MUD OR SOIL ONTO PUBLIC THROUGHTWAYS. ALL SEDIMENT SPILLED, DROPPED, MASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY BY THE CONTRACTOR.
17. ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT THE SITE FROM THE PROPOSED CONSTRUCTION ENTRANCE. THE USE OF ANY OTHER ACCESSSES IS PROHIBITED.
18. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED OR OTHERWISE DISCHARGED FROM THE SITE INTO SEDIMENT BASINS, SILT TRAPS, DEWATERING BAGS OR POLYMER MIXING SHALL, DEWATERING DIRECTLY INTO FIELD TILES, WETLANDS, ADJACENT PROPERTIES, PUBLIC RIGHTS-OF-WAY, STREAMS, LAKES, PONDS, RIVERS, OR STORMWATER SYSTEMS IS PROHIBITED.
19. ALL STOCKPILES SHOULD BE STABILIZED WITHIN THREE (3) DAYS OF FORMING THE STOCKPILE.
20. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN (7) DAYS AFTER THE CONSTRUCTION ACTIVITY ON THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED AS FOLLOWS:
 - 20.1. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES ON A PORTION OF THE SITE IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.
 - 20.2. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 14 DAYS FROM WHEN ACTIVITIES CEASED, (I.E. THE TOTAL PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 14 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASES.
21. EROSION CONTROL BLANKETS SHALL BE USED IN AREAS OF 6% SLOPE OR STEEPER AND AS SHOWN ON THE PLANS.
22. ALL DISTURBED GREEN SPACES WITHIN THE R.O.W. SHALL BE RESTORED WITH 6" OF TOPSOIL AND CLASS 2A SEEDING.
23. THE CONDITION OF THE CONSTRUCTION SITE FOR WINTER SAFTDOWN SHALL BE ADDRESSED EARLY IN THE FALL, GRASSING SEASON SO THAT THE SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER. EROSION CONTROL MEASURES INCLUDING TEMPORARY SEEDING, MULCHING AND/OR EROSION CONTROL BLANKET PRIOR TO THE END OF THE FALL GRASSING SEASON. THE AREAS TO BE WORKED BEFORE THE END OF THE GRASSING SEASON MUST INCORPORATE SOIL STABILIZATION MEASURES THAT DO NOT INCLUDE VEGETATIVE COVER SUCH AS EROSION CONTROL BLANKET AND HEAVY MULCHING.
24. ONCE ALL DISTURBED AREAS WITHIN THE R.O.W. SHALL BE RESTORED WITH SEED AND BLANKET OR SOIL AS SHOWN IN THE PLANS, SILT FENCING SHALL BE REMOVED AND THE FENCE SHALL BE RESTORED WITH TOPSOIL, SEED, FERTILIZER, AND BLANKETING. RESTORATION SHALL OCCUR IMMEDIATELY FOLLOWING THE REMOVAL OF THE SILT FENCE. RESTORATION SHALL BE COMPLETED THE SAME WORKING DAY AS ANY SILT FENCING REMOVAL, AND AT LEAST 2 HOURS BEFORE ANY FORECASTED PRECIPITATION.
25. ALL TEMPORARY EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PROPERLY STABILIZED OR DISPOSED OFF BY THE CONTRACTOR.

SOIL EROSION AND SEDIMENT CONTROL CONSTRUCTION SCHEDULE

1. OBTAIN NPDES AND OTHER APPLICABLE SITE PERMITS AND REVIEW PROJECT'S STORMWATER POLLUTION PREVENTION PLAN (SWPPP). CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND UPDATING THE SHEETS THROUGHOUT THE DURATION OF CONSTRUCTION AS NECESSARY UNTIL FINAL SITE STABILIZATION IS ACHIEVED.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
3. INSTALL PERIMETER SEDIMENT CONTROL MEASURES (E.G. SILT FENCE).
4. INSTALL PROTECTION DEVICES FOR EXISTING DRAINAGE INLET AND OUTLET STRUCTURES, IF APPLICABLE.
5. PERFORM STORMWATER POLLUTION PREVENTION SITE INSPECTIONS ON A WEEKLY BASIS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A RAINFALL EVENT THAT IS 0.5 INCH OR GREATER (OR EQUIVALENT SNOWFALL). AT A MINIMUM, THE INSPECTIONS SHALL INCLUDE THE DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, ALL STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND ANY ADDITIONAL BEST MANAGEMENT PRACTICES IDENTIFIED IN THE SWPPP.
- 5.1. ALL SITE EROSION AND SEDIMENT CONTROL MEASURES AND BEST MANAGEMENT PRACTICES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND SHALL BE CONTINUOUSLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION (SEE THE STORMWATER POLLUTION PREVENTION NOTES AND STORMWATER POLLUTION PREVENTION MAINTENANCE SCHEDULE FOR ADDITIONAL INFORMATION). CONTRACTOR SHALL MAKE AND COMPLETE THE REQUIRED REPAIRS WITHIN FORTY-EIGHT (48) HOURS OF THE INSPECTION.
- 5.2. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL STRUCTURAL CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE SITE INSPECTORS.
- 5.3. PERFORM STREET CLEANING OPERATIONS AND OTHER BEST MANAGEMENT PRACTICES AS NEEDED.
6. PERFORM SITE CLEANING AND GRUBBING AND REMOVE EXISTING VEGETATION AS NEEDED FOR INITIAL SITE GRADING OPERATIONS. VEGETATED SITE AREAS THAT ARE NOT INCLUDED WITH THE INITIAL GRADING SHALL REMAIN UNDISTURBED. ALL TOPSOIL STOCKPILES SHALL BE SURROUNDED WITH SILT FENCE AND STABILIZED WITHIN THREE (3) DAYS OF FORMING THE STOCKPILE.
7. REMOVE ALL ITEMS NOTED FOR REMOVAL IN THE DEMOLITION PLAN.
8. PERFORM ROUGH GRADING OPERATIONS, CONSTRUCT OVERFLOW ROUTES, AND STABILIZE ALL DISTURBED AREAS, INCLUDING BUT NOT LIMITED TO STEEP SLOPES, DRAINAGE CHANNELS AND SWALES (I.E. TEMPORARY AND PERMANENT SEEDING, EROSION CONTROL, BLANKETS, RIP-RAP, CHECK DAMS, TEMPORARY DRAINAGE DIVERSIONS, ETC.).
9. INSTALL TEMPORARY CONCRETE WASHOUT FACILITY.
10. INSTALL BUILDING FOUNDATIONS AND BEGIN BUILDING CONSTRUCTION.
11. INSTALL DETENTION SYSTEMS, STORM SEWERS AND OTHER SITE UTILITIES AND IMMEDIATELY INSTALL DRAINAGE INLET AND OUTLET PROTECTION DEVICES AS INDICATED ON THE PLANS.
12. PROVIDE TEMPORARY SEEDING AND/OR MULCHING FOR ALL DISTURBED SITE AREAS THAT WILL NOT BE WORKED ON FOR MORE THAN FOURTEEN (14) DAYS.
13. INSTALL CURBS AND BEGIN SITE PAVING OPERATIONS (I.E. DRIVEWAYS, SIDEWALKS, ETC.).
14. COMPLETE BUILDING CONSTRUCTION AND REMAINING SITE IMPROVEMENTS.
15. REMOVE TEMPORARY SITE EROSION AND SEDIMENT CONTROL MEASURES WITHIN THIRTY (30) DAYS OF FINAL SITE STABILIZATION.
16. SUBMIT A NOTICE OF TERMINATION (N.O.T.) TO THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY UPON COMPLETION OF ALL SITE CONSTRUCTION AND FINAL SITE STABILIZATION (I.E. OVER 10% VEGETATIVE COVER).



THE PRIDE OF KANE COUNTY
3301/180 BUTTERFIELD ROAD
SAINT CHARLES, ILLINOIS 60174

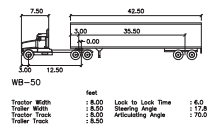
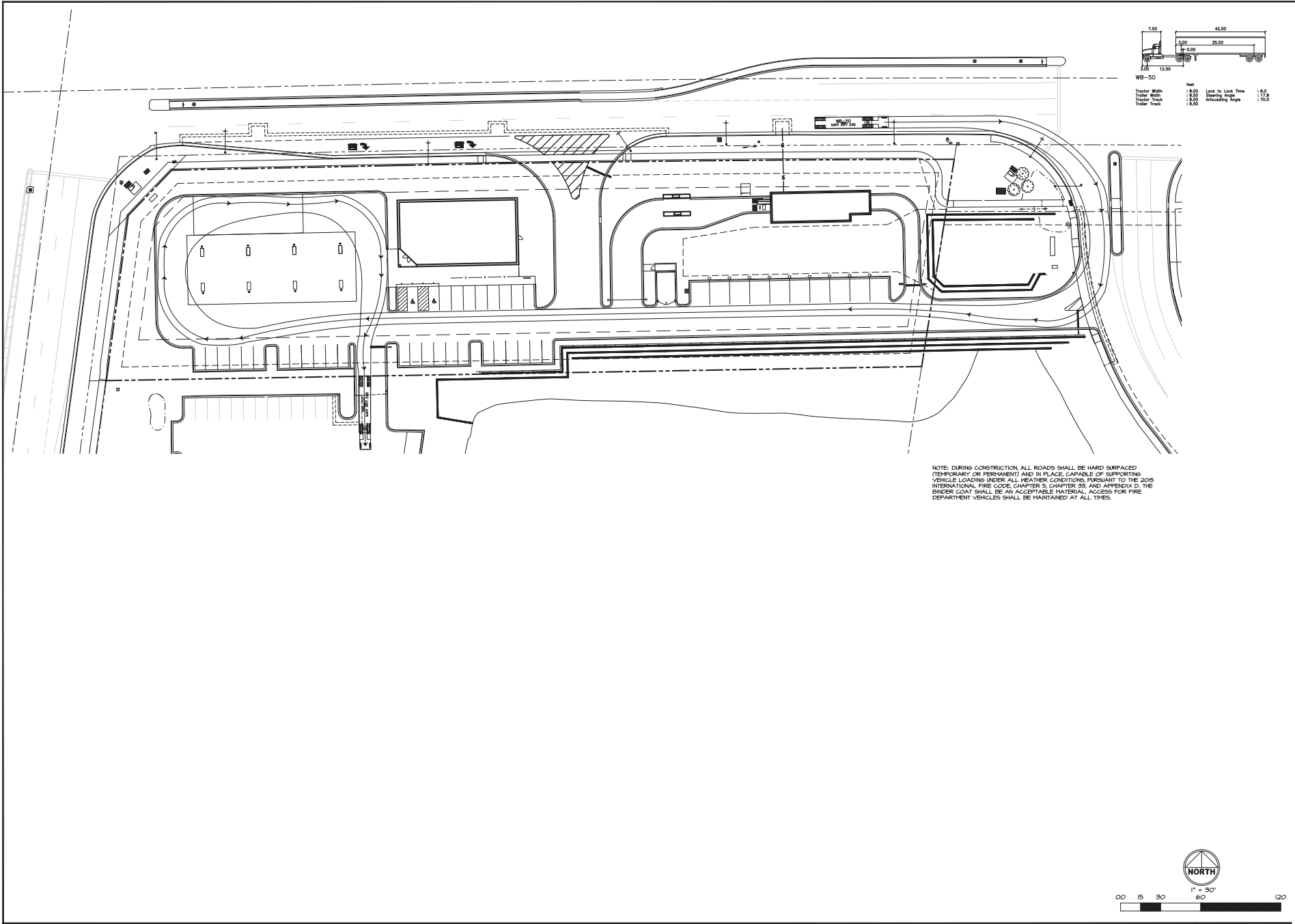
CIMA DEVELOPERS
3301/180 BUTTERFIELD ROAD
WARRENVILLE, IL 60555

ISSUE

TO	DATE
REV. SITE	8/19/19
REV. SITE	8/26/19
REV. SITE	1/13/20
REV. SITE	2/4/20
REV. SITE	2/11/20
REV. SITE	3/10/20
REV. SITE	6/30/20

CHECK/TO
DRAWN/TEP
JOB:1910803C

C-7.1
PROJECT SPECIFICATIONS



NOTE: DURING CONSTRUCTION, ALL ROADS SHALL BE HARD SURFACED (TEMPORARY OR PERMANENT) AND IN PLACE, CAPABLE OF SUPPORTING VEHICLE LOADINGS UNDER ALL WEATHER CONDITIONS, PURSUANT TO THE 2015 INTERNATIONAL FIRE CODE, CHAPTER 5, CHAPTER 38, AND APPENDIX D. THE BINDER COAT SHALL BE AN ACCEPTABLE MATERIAL. ACCESS FOR FIRE DEPARTMENT VEHICLES SHALL BE MAINTAINED AT ALL TIMES.

AQUATIC \ CIVIL \ MECHANICAL \ ELECTRICAL \ PLUMBING \ TELECOMMUNICATION \ STRUCTURAL \ ACCESSIBILITY CONSULTING \ DESIGN & PROGRAM MANAGEMENT \ LAND SURVEY

WT GROUP
 ENGINEERING AND PLUMBING CONSULTANTS
 124.233.0333 FAX: 224.262.0444
 www.wtgroup.com
 401 WEST WASHINGTON, SUITE 1000, CHICAGO, ILLINOIS 60610
 A COMMITMENT TO THE WT GROUP, LLC

WV Group
 Engineering & Design Consulting

THE PRIDE OF KANE COUNTY
 33W573 EAST MAIN STREET
 SAINT CHARLES, ILLINOIS 60174

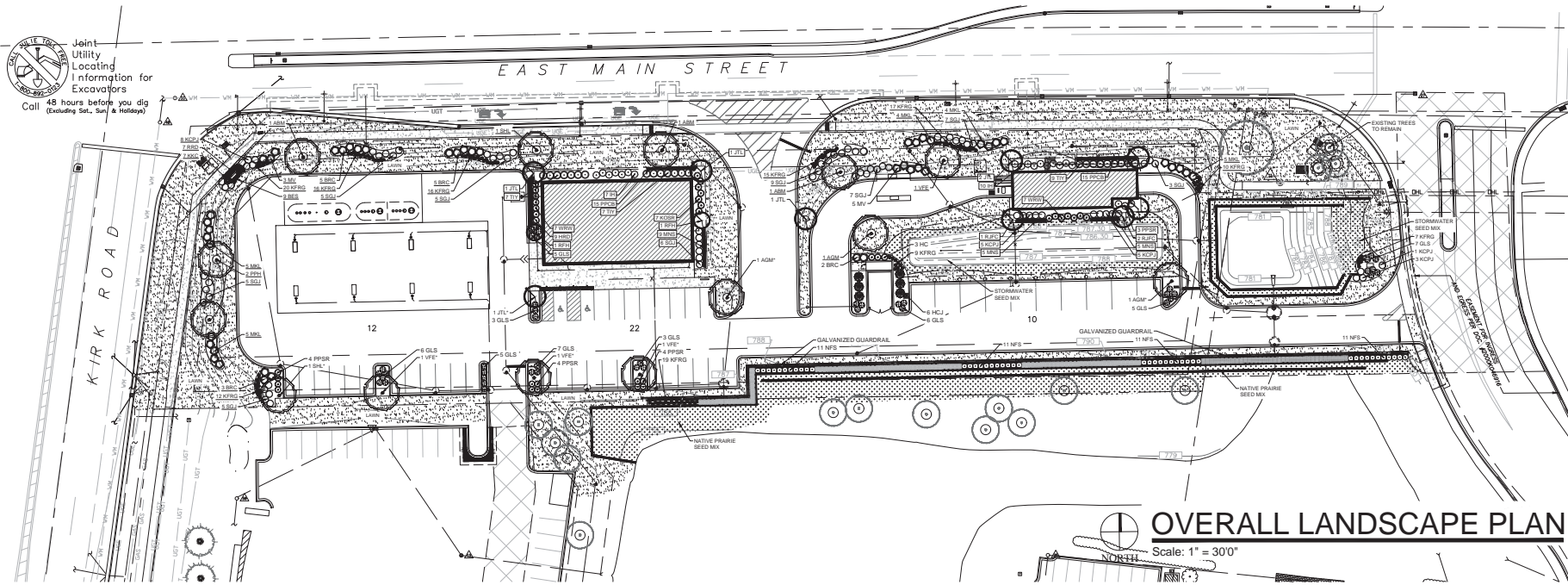
CIMA DEVELOPERS
 30W180 BUTTERFIELD ROAD
 WARRENVILLE, IL 60555

TO	DATE
REV. SITE	8/19/19
REV. SITE	8/26/19
REV. SITE	1/13/20
REV. SITE	2/4/20
REV. SITE	2/13/20
REV. SITE	2/13/20
REV. SITE	6/9/20

CHECKED: TOA
 DRAWN: TEP
 JOB: 1910803C

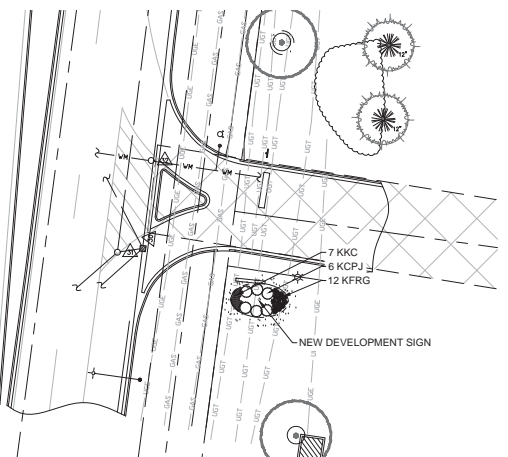
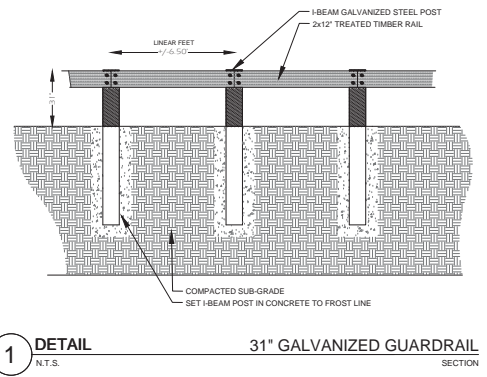
C-8.0
 FIRE APPARATUS
 CIRCULATION PLAN

Joint Utility Locating Information for Excavators
Call 48 hours before you dig (Excluding Sat., Sun. & Holidays)



OVERALL LANDSCAPE PLAN

Scale: 1" = 30'0"



Shade Trees (Deciduous)
 ABM Autumn Blaze Maple
 PPM Prairie Pride Redberry
 SHL Skyline Honeylocust
 AGM Autumn Gold Mastflower
 VFE Valley Forge American Elm

Ornamental Trees (Deciduous)
 BHM Rising Fire American Hornbeam
 KFC Red Jewel Flowering Crabapple
 JTL Snow Globes Japanese Tree Lilac

Evergreen Trees
 HCE Hest Columnar Juniper (upright)

Evergreen Shrubs
 SGI Sea Green Juniper
 KCF Kaffay Compact Pfitzer Juniper
 TIV Tuxton Intermediate Yew

Deciduous Shrubs
 BKJ Ballerina Red Chokeberry
 HC Palming (Design) Cotoneaster
 WJ Woodland Hydrangea
 GLS Glo Low Fragrant Sumat
 KOSR Knock Out Strub Rose
 PPR Pink Flamingo Series Rose
 NPS Neon Flash Spirea
 MML Million Dollar Tree
 MV Michaux Viburnum
 WRW Wine & Roses Compact Weigela

Ornamental Grasses
 KFRG Kaffay Feather Reed Grass

Herbaceous Perennials
 HDI Happy Returns Daylily
 RRD Rose Returns Daylily
 PPRC Palace Purple Coralbells
 MGC Dwarf Geranium
 BES Black-eyed Susan
 MND May Night Salvia

PLANT ABBREVIATIONS
 BUILDING FOUNDATION
 STREET FRONTAGE
 PARKING ISLAND TREE*

Cardno Native Plant Nursery
 www.cardnonativeplantnursery.com
 1228 Sunset Drive
 Walkerton, Indiana 46574
 Ph: 574-586-2412

Stormwater Seed Mix
 For Use on Stormwater Management Ponds (SMP) side slopes to Normal Water Line (NWL)

Botanical Name	Common Name	PLS	Quinces/Acre
Permanent Grasses/Sedges/Rushes:			
Carex cristatella	Crested Oval Sedge		1.00
Carex floridula	Bristly Cattail Sedge		1.00
Carex lurida	Butterbrush Sedge		2.00
Carex sparganoides v. cephaloides	Rough-Clustered Sedge		2.00
Carex vulpinoidea	Brown Fox Sedge		6.00
Eriochloa ovata	Blunt Spike Rush		0.50
Elymus virginicus	Virginia Wild Rye		12.00
Glyceria striata	Fowl Manna Grass		1.25
Juncus effusus	Common Rush		1.00
Juncus torreyi	Torrey's Rush		0.25
Lernaea oryzoides	Rice Cut Grass		1.00
Planicum virginicum	Switch Grass		2.00
Scirpus atrovirens	Dark Green Rush		1.00
Scirpus cyperinus	Wood Grass		0.50
Scirpus flaviventris	River Bulrush		0.25
Scirpus setosus	Great Bulrush		6.00
Total			45.75
Temporary Cover:			
Avena sativa	Common Oat		360.00
Lolium multiflorum	Annual Rye		115.00
Total			475.00
Forbs:			
Altamisa spp.	Water Plantain (Various Mix)		4.25
Asclepias incarnata	Swamp Milkweed		1.50
Bidens spp.	Bidens (Various Mix)		2.00
Helianthus autumnalis	Sunflower		3.00
Minutella ringens	Monkey Flower		1.00
Pentstemon uniflorus	Ditch Stonecrop		0.50
Polypogon monspeliensis	Pinkweed		4.00
Rudbeckia subtomentosa	Sweet Black-Eyed Susan		1.00
Sagittaria latifolia	Broad Leaf Arrowhead		1.00
Senna hebecarpa	Wild Senna		1.00
Thalictrum dasycarpum	Purple Meadow Rue		2.00
Total			22.25

Approximate area of coverage:
 Total area (SF) of coverage surrounding SWM ponds: 2,740
 Total area (acres) of coverage surrounding SWM ponds: 6.86

HELLER & ASSOCIATES, LLC
 LANDSCAPE ARCHITECTURE
 P.O. Box 1359
 Lake Geneva, Wisconsin 53147-1359
 Ph: 262.639.9733
 david@vdayheller.com
 www.vdayheller.com

CIMA DEVELOPERS
 THE PRIDE OF KANE COUNTY

Southeast Corner of Main St. & Kirk Rd.
 St. Charles, IL

ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10.3.19	ISSUE TO OWNER
10.25.19	REVISIONS
03.03.20	REVISIONS
05.15.20	CITY COMMENTS
05.20.20	CITY COMMENTS
05.28.20	REV. MONUMENT SIGN
06.22.20	REVISED CIVIL

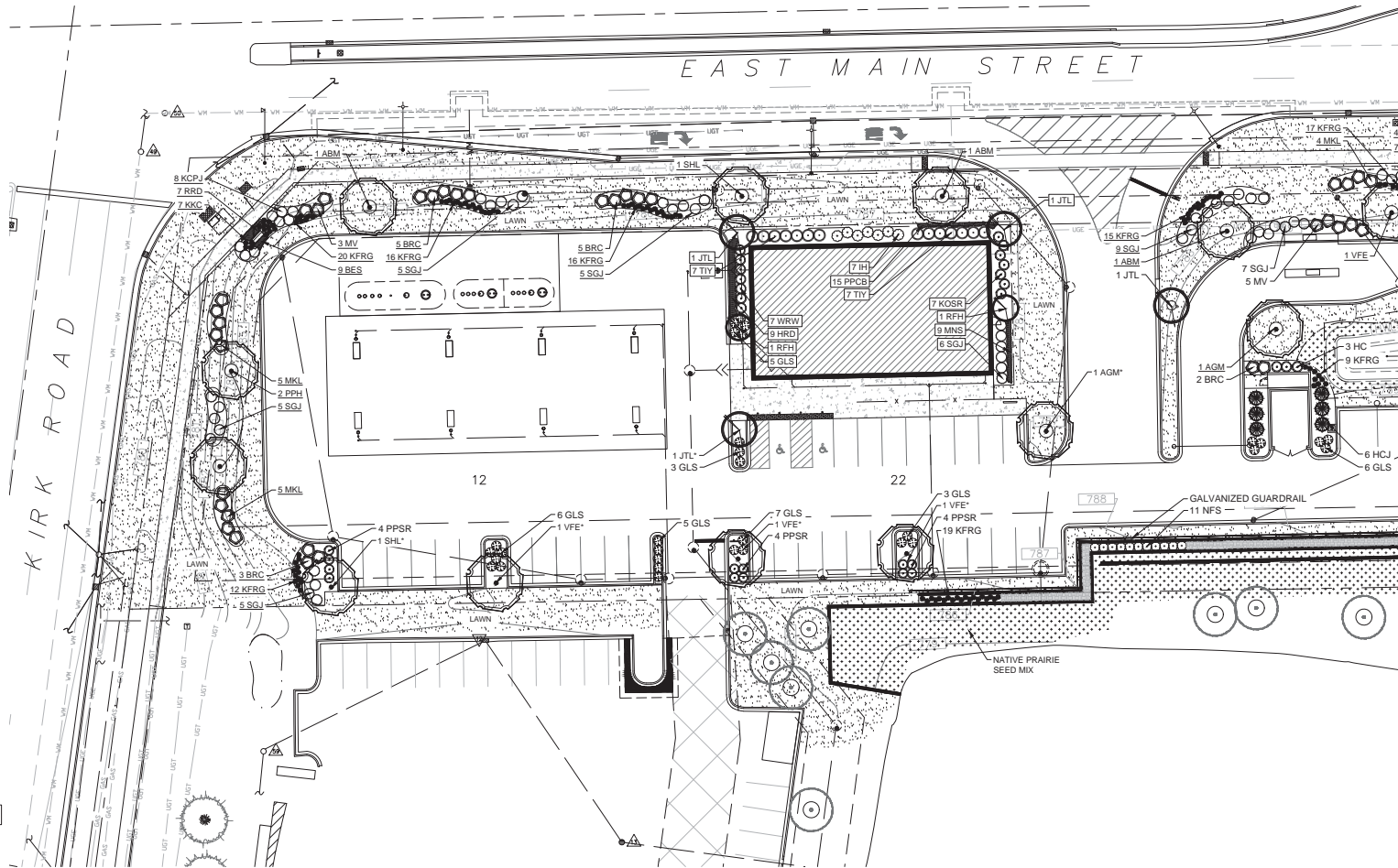
SHEET TITLE
OVERALL LANDSCAPE PLAN

PROJECT MANAGER WDH
PROJECT NUMBER 19-066
DATE 06.22.20
SHEET NUMBER

STORMWATER SEED MIX
L 1.0



- SHADE TREES (DECIDUOUS)**
- ABM Autumn Blaze Maple
 - PPH Prairie Pride Hackberry
 - SHL Skyline Honeylocust
 - AGM Autumn Gold Maidenhair
 - VFE Valley Forge American Elm
- ORNAMENTAL TREES (DECIDUOUS)**
- RFB Rising Fire American Hornbeam
 - RFC Red Jewel Flowering Crabapple
 - JTL Ivory Silk Japanese Tree Lilac
- EVERGREEN TREES**
- HCI Hetzi Columnar Juniper (upright)
- EVERGREEN SHRUBS**
- SGJ Sea Green Juniper
 - KCPJ Kallay Compact Pfitzer Juniper
 - TYY Taunton Intermediate Yew
- DECIDUOUS SHRUBS**
- BRC Brilliant Red Chokeberry
 - HC Heking (Phodge) Cotoneaster
 - IH Incredible Hydrangea
 - GLS Gro Low Fragrant Sumac
 - KOSR Knock Out Shrub Rose
 - PPSR Pink Pavement Series Rose
 - NIS Neon Flash Spirea
 - MKL Miss Kim Dwarf Lilac
 - MV Mohican Viburnum
 - WRW Wine & Roses Compact Wiegela
- ORNAMENTAL GRASSES**
- KFRG Karl Foerster Feather Reed Grass
- HERBACEOUS PERENNIALS**
- HRD Happy Returns Daylily
 - RRD Rosy Returns Daylily
 - PPCB Palace Purple Coralbells
 - KKC Dwarf Catmint
 - BES Black-eyed Susan
 - MNS May Night Salvia
- PLANT ABBREVIATIONS**
- BUILDING FOUNDATION**
STREET FRONTAGE
PARKING ISLAND TREE*



ENLARGED LANDSCAPE PLAN

Scale: 1" = 20'0"



P.O. Box 1359
 Lake Geneva, Wisconsin 53147-1359
 ph 262.639.9733
 dave@vdayheller.com
 www.vdayheller.com

PROJECT



THE PRIDE OF
 KANE COUNTY

Southeast Corner of
 Main St. & Kirk Rd.
 St. Charles, IL

ISSUANCE AND REVISIONS

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Information contained herein is based on survey information, field inspection, and believed to be accurate.

SHEET TITLE

ENLARGED
 LANDSCAPE
 PLAN

PROJECT MANAGER WDH

PROJECT NUMBER 19-066

DATE 06.22.20

SHEET NUMBER

L 1.1



Joint Utility Locating Information for Excavators

Call 48 hours before you dig (Excluding Sat., Sun. & Holidays)

- SHADE TREES (DECIDUOUS)**
- ABM Autumn Blaze Maple
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- ORNAMENTAL TREES (DECIDUOUS)**
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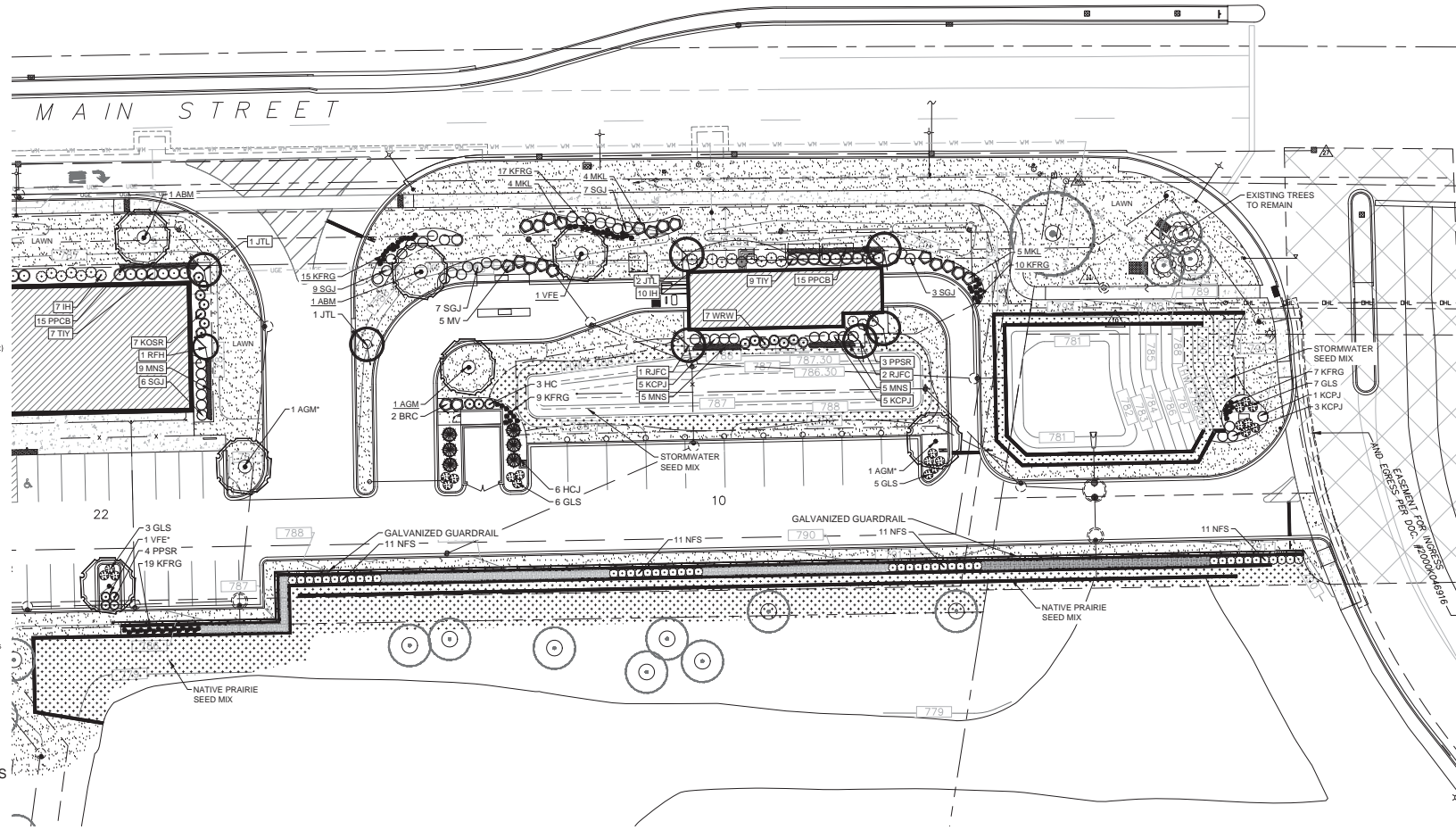
- DECIDUOUS SHRUBS**
- BRC Brilliant Red Chokeberry
 - HC Peking (Hedge) Cotoneaster
 - IH Incredible! Hydrangea
 - GLS Gro Low Fragrant Sumac
 - KOSR Knock Out Shrub Rose
 - PPSR Pink Payment Series Rose
 - NES Neon Flash Spirea
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- ORNAMENTAL GRASSES**
- KFRG Karl Foerster Feather Reed Grass

- HERBACEOUS PERENNIALS**
- HRD Happy Returns Daylily
 - RRO Rosy Returns Daylily
 - PPCB Palace Purple Coralbells
 - KKC Dwarf Catmint
 - BES Black-eyed Susan
 - MNS May Night Salvia

PLANT ABBREVIATIONS

- BUILDING FOUNDATION
- STREET FRONTAGE
- PARKING ISLAND TREE*



ENLARGED LANDSCAPE PLAN

Scale: 1" = 200'

HELLER & ASSOCIATES, LLC
LANDSCAPE ARCHITECTURE



P.O. Box 1359
Lake Geneva, Wisconsin 53147-1359
ph 262.639.9733
dave@vdayheller.com
www.vdayheller.com

PROJECT



THE PRIDE OF KANE COUNTY

Southeast Corner of
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St. Charles, IL

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Information contained herein is based on survey information, field inspection, and believed to be accurate.

SHEET TITLE

ENLARGED LANDSCAPE PLAN

PROJECT MANAGER **WDH**

PROJECT NUMBER **19-066**

DATE **06.22.20**

SHEET NUMBER

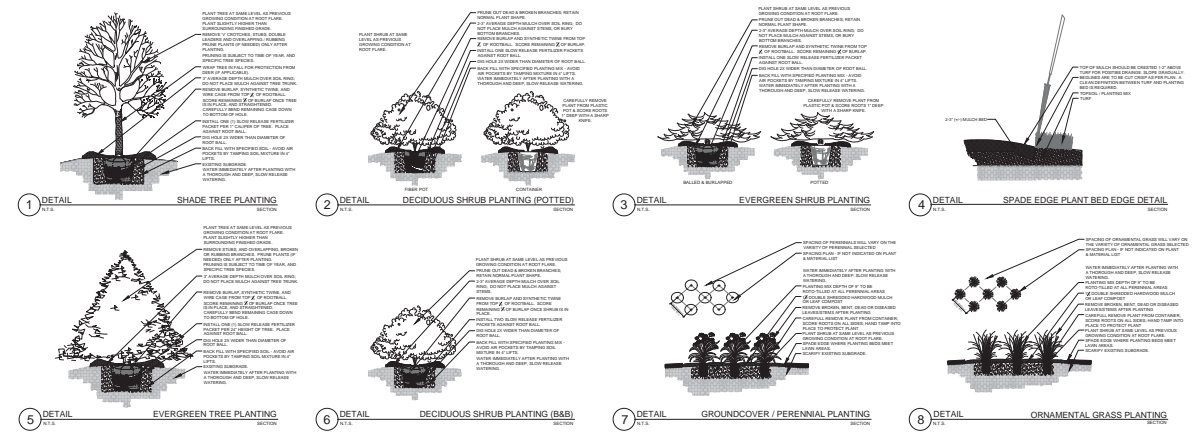
L 1.2

- Contractor responsible for contacting JULIE - Utility Locations (811 or 800-892-0123) to have site marked prior to excavation or planting.
 - Contractor to verify all plant quantities shown on Plant & Material List and landscape planting symbols and report any discrepancies to Landscape Architect or General Contractor.
 - All plantings shall comply with standards as described in American Standard of Nursery Stock - Z60.1 ANSII (latest version). Landscape Architect reserves the right to inspect, and potentially reject any plants that are inferior, compromised, undervalued, diseased, improperly transported, installed, incorrectly or damaged. No sub-standard "B Grade" or "Pick Grade" plant material shall be accepted. Plant material shall originate from nurseries with a similar climate as the planting site.
 - All potential plant substitutions must be approved by Landscape Architect or Owner. All plants must be installed as per sizes indicated on Plant & Material Schedule, unless approved by Landscape Architect. Any changes in sizes shown on plan must be submitted in writing to the Landscape Architect prior to installation.
 - Topsoil in Parking Lot Islands (if applicable). All parking lot islands to be backfilled with topsoil to a minimum depth of 18" to insure long-term plant health. Topsoil should be placed within 3" of finish grade by General Contractor. Final grading and grass seeding operation(s) to be completed by the contractor. Contractor shall be responsible for the fine grading of all disturbed areas, planting bed areas, and lawn areas. Crown all parking lot islands a minimum of 6" to provide proper drainage, unless otherwise specified.
 - Tree Planting: Plant all trees strictly higher than finished grade at the root flare. Remove excess soil from the top of the root ball, if needed. Remove and discard non-biodegradable bag wrapping and support wire. Removed biodegradable burlap and wire cage (if present) from the top 2' of the rootball and carefully bend remaining wire down to the bottom of the hole. Once the tree has been placed into the hole and will no longer be moved, remove the remaining 2' of the burlap and remove the wire. Provide three slow release fertilizer for each tree planting.
 - Tree Planting: Backfill tree planting holes 80% existing soils removed from excavation and 20% plant starter mix. Avoid air pockets and do not tamp soil down. Discard any gravel, rocks, heavy curbs, or concrete pieces. When hole is full, trees shall be watered thoroughly, and water left to soak in before proceeding to the remainder of the hole. Water again to full soak in the new planting. Each tree shall receive a 3" deep, 4-ft diameter (see planting details or planting plan) shredded hardwood bark mulch ring around all trees planted in lawn areas. Do not build up any mulch onto the trunk of any tree. Trees that are installed incorrectly will be replaced at the time and expense of the Landscape Contractor.
 - Shrub Planting: All shrubs to be planted in groups/as indicated on the Landscape Plan. Install with the planting of shrubs a 3/4" mix of plant starter with topsoil. Install topsoil into all plant beds as needed to achieve proper grade and displace undesirable soil (see planting details). Remove all excessive gravel, clay and stones from plant beds prior to planting. When needed are 3/4" bags, shrubs shall be watered thoroughly, and water left to soak in before proceeding. Provide slow-release fertilizer packets at the rate of 1 per 24" height/diameter of shrub at planting.
 - Mulching: All tree and shrub planting beds to receive a 3" deep layer of high quality shredded hardwood bark mulch (not pigman dyed or enviro-mulch). All perennial planting areas (perennial) shall receive a 2" layer of shredded hardwood bark mulch, and groundcover areas a 1.2" layer of the same mulch. Do not mulch annual flower beds (if applicable). Do not allow mulch to contact plants stems and tree trunks.
 - Edging: All planting beds shall be edged with a 4" deep spade edge using a flat landscape spade or a mechanical edger. Bedlines are to be cut crisp, smooth, and per plan. A clean definition between landscape beds and lawn is required. Place mulch against lawn edge to hold in place.
 - Plant Bed Preparation: All perennial, groundcover and annual areas (if applicable) are required to receive a blend of organic soil (Soil Amendments) amendments prior to installation. Rotate all of the following materials at the following rates, into existing soil beds or installed topsoil beds to a depth of approximately 12" to 18" for 100 SF of bed area:
 - 1/2 CY Peat Moss or Mushroom Compost
 - 1/2 CY Hand-distributed Topsoil
 - 2 pounds starter fertilizer
 - 1/2 CY composted manure
 - Lawn Installation for all sodded turfgrass areas: Contractor to furnish and prepare blended topsoil (2" minimum) and sod bed, removing all debris and stones 3/4" and larger. Apply a 10-10-10 starter lawn fertilizer uniformly throughout areas prior to laying sod. Use only premium sod blend according to TPI (Turfgrass 1955) and ASPA Standards. Install sod uniformly with staggered joints, laid tightly end to end and side to side. Roll sod with a walk behind roller and water immediately upon installation to a 3" depth. Stake any sod installed on slopes steeper than 1:3, and in all swale applications. Contractor is responsible to provide a smooth, uniform, healthy turf, and is responsible for the first two mowings of the newly installed turf, and is also responsible for watering during this period.
 - Installation preparation for all sodded areas: removal of all existing unwanted vegetation prior to seeding. Prepare the topsoil (if adequate or provide as in item #9 above) and seed bed by removing all surface stones 1" or larger. Apply a starter fertilizer and granulated seed uniformly on the specified rate, and provide mulch covering suitable to germinate and establish turf. Provide seed and fertilizer specifications to Landscape Architect and Owner prior to installation. Erosion control measures are to be used in swales and on slopes in excess of 1:3 and where applicable (see Civil Engineering Drawings). Methods of installation may vary as the direction of the Landscape Contractor on his/her responsibility to establish and guarantee a smooth, uniform, quality turf. A minimum of 2" of finished, prepared and non-compacted topsoil is required for all lawn areas. If stone mulch is used as a mulch covering, a tackifier may be necessary to avoid wind dispersal of mulch covering. Marsh hay containing least dairy grass is NOT acceptable as a mulch covering.
- An acceptable quality seed installation is defined as having:**
 No bare spots larger than one (1) square foot
 No more than 10% of the total area with bare areas larger than one (1) square foot
 A uniform coverage throughout all turf areas
- No-Mow Seed Areas: "No-Mow" Fine Fescue seed mix with annual ryegrass only (available at Cedar Creek Seed Farm 888-313-6887) or Prairie Nursery 608-296-3679 or approved equivalent mix from a reputable seed mix provider. Apply at 220 lbs per acre or as rate recommended by supplier. Prepare seed bed and soil as specified in item #13 above.
 - Native Prairie Seed Mix / Domestic Seed Mix: Native seed mixes as listed on the Plant and Material List or other seeding schedules outlined on the landscape plan set. Seed mix available from Prairie Nursery 608-296-3679 or New York Seed 778-9 or approved equivalent mix from a reputable seed mix provider. Apply at rates specified herein, or per supplier recommendation. Prepare soil and seed bed as in item #13 above.
 - Warning and Replacements: All plantings are to be watered throughout at the time of planting, through construction and upon completion of project as required. Trees, Evergreens, and Shrubs (deciduous and evergreen) shall be guaranteed for a minimum of one (1) year from the date of project completion. Perennials, groundcovers, and ornamental grasses shall be guaranteed for a minimum of one (1) growing season. Perennials, groundcovers, and ornamental grasses planted after September 15th shall be guaranteed through May 31st of the following year. Only one replacement per plant will be required during the warranty period, except for losses or replacements due to failure to comply with specified requirements. Watering and general ongoing maintenance instructions to be supplied by the Landscape Contractor to the Owner upon completion of the project.
 - The Landscape Contractor is responsible for the watering and maintenance of all landscape areas for a period of 45 days after the substantial completion of the landscape installation. This shall include all turf, shrubs, evergreens, perennials, ornamental grasses, turf grass, no-mow grass, and native prairie seed mix. Domestic seed mix. Work also includes weeding, mulching (only if required), fertilizing, staking, sweeping up grass clippings, pruning and deadheading.
 - Project Completion: Landscape Contractor is responsible to conduct a final review of the project, upon completion, with the Landscape Architect, Client or Owner's Client Representative, and the General Contractor to answer questions, provide written care instructions for new plantings and turf, and insure that all specifications have been met.

LANDSCAPE GENERAL NOTES

Cardno Native Plant Nursery		
www.cardnonativeplantnursery.com		
128 Sunset Drive Walkerton, Indiana 46574 Ph: 317-546-2412		
Economy Prairie Seed Mix		
Botanical Name	Common Name	PLS Ounces/Acre
Perennial Grasses:		
<i>Andropogon gerardii</i>	Big Bluestem	16.00
<i>Bouteloua curtipendula</i>	Side-Oats Gramma	18.00
<i>Carex bicknellii / Carex brevior</i>	Prairie Sedge Mix	1.00
<i>Flychus canadensis</i>	Canada Wild Ryegrass	1.00
<i>Panicum virgatum</i>	Switch Grass	2.50
<i>Stachytarix scoparium</i>	Little Bluestem	24.00
<i>Sorghastrum nutans</i>	Indian Grass	18.00
Total		95.50
Temporary Cover:		
<i>Avena sativa</i>	Common Oat	360.00
<i>Lolium multiflorum</i>	Annual Ryegrass	100.00
Total		460.00
Ferula:		
<i>Asclepias speciosa</i>	Common Milkweed	0.50
<i>Asclepias tuberosa</i>	Butterfly Milkweed	1.00
<i>Aster divaricatus</i>	Smooth Blue Aster	0.25
<i>Aster novae-angliae</i>	New England Aster	0.75
<i>Chamaecrista fasciculata</i>	Partridge Pea	12.00
<i>Centaurea jacobinella</i>	Sand Centaury	5.00
<i>Echinacea purpurea</i>	Broad-Leaved Purple Coneflower	2.50
<i>Helianthus scaberrimus</i>	False Sunflower	0.25
<i>Lupinus perennis</i>	Wild Lupine	0.50
<i>Monarda fistulosa</i>	Wild Bergamot	0.25
<i>Pycnanthemum tenuifolium</i>	Common Mountain Mint	0.50
<i>Rudbeckia hirta</i>	Yellow Coneflower	3.50
<i>Rudbeckia hirta</i>	Black-Eyed Susan	1.00
Total		40.00

NATIVE PRAIRIE SEED MIX



PLANTING & HARDSCAPE DETAILS

PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED	COMMON NAME	CALIPER/HEIGHT	SIZE	ROOT	SPECIFICATION / NOTES	PLANT SPACING
Proposed Landscape Materials								
SHADE TREES (DECIDUOUS)								
AMB	3	Aster divaricatus 'Autumn Blaze'	Autumn Blaze Maple	2.5"	B&B	868	Straight central leader, full and even crown. Prune only after planting	
PTM	2	Celtis occidentalis 'Toxic Pro'	Franklin Tree	2.5"	B&B	868	Straight central leader, full and even crown. Prune only after planting	
SKM	3	Quercus bicolor 'Skyline'	Skyline Honeylocust	2.5"	B&B	868	Straight central leader, full and even crown. Prune only after planting	
ADM	3	Quercus bicolor 'Autumn Blaze'	Autumn Blaze Maple	2.5"	B&B	868	Straight central leader, full and even crown. Prune only after planting	
VFE	4	Ulmus americana 'Valley Forge'	Valley Forge American Elm	2.5"	B&B	868	Straight central leader, full and even crown. Prune only after planting	
ORNAMENTAL TREES (DECIDUOUS)								
NH	2	Carpinus caroliniana 'Vanguard'	Rising Fire American Hornbeam	2.25"	B&B	868	Straight central leader, full and even crown. Prune only after planting	
HTL	6	Springerletia 'Hory Silk'	Hory Silk Japanese Tree Lilac	2.25"	B&B	868	Straight central leader, full and even crown. Prune only after planting	
EVERGREEN TREES								
NHJ	6	Juniperus chinensis 'Hetzl Columnaris'	Hetzl Columnar Juniper (upright)	54"	B&B	868	Evenly shaped tree with branching to the ground	42"
SHRUBS								
SG	52	Juniperus chinensis 'Sea Green'	Sea Green Juniper	45"	Cont.	Full rounded well branched shrub	54"	
KCFJ	25	Juniperus chinensis 'Kalf Jester'	Kalf Jester Compact Pyramidal Juniper	45"	Cont.	Full rounded well branched shrub	48"	
TD	20	Taxus canadensis 'Tussock'	Tussock Hemlock	36"	B&B	Full rounded well branched shrub	54"	
PERENNIALS								
BR	15	Arnoea arbutifolia 'Brilliantissima'	Brilliant Red Chokeberry	42"	Cont.	Full, well rounded plant, evenly shaped	48"	
HC	3	Cornus alternifolia	Peking Dogwood	42"	B&B	Full, well rounded plant with most rootball and healthy appearance	36-42"	
WH	18	Hydrangea arborescens 'Annabelle'	Annabelle Hydrangea	45"	Cont.	Full, well rounded plant, evenly shaped	48"	
GLS	47	Rhus aromatica 'Toxic Low'	Low Fragrant Sumac	45"	Cont.	Full, well rounded plant, evenly shaped	42"	
ESDR	7	Rosa 'Knock Out'	Knock Out Shrub Rose	36"	Cont.	Full, well rounded plant, evenly shaped	48"	
PPSR	13	Rosa rugosa 'Pink Avalanche'	Pink Avalanche Shrub Rose	36"	Cont.	Full, well rounded plant, evenly shaped	42"	
NFS	18	Spiraea stolonifera 'Beacon Flash'	Beacon Flash Spirea	36"	Cont.	Full, well rounded plant, evenly shaped	42"	
NHL	24	Syringa sp. 'Miss M. Rort'	Miss M. Rort Lilac	36"	Cont.	Full, well rounded plant, evenly shaped	42"	
MYR	8	Viburnum lentago 'Nobisall'	Nobisall Viburnum	42"	B&B	Full rounded plant with most rootball and healthy appearance	60"	
WYR	14	Wingata Florida 'Wine & Roses'	Wine & Roses Compact Winged	36"	Cont.	Full, well rounded plant, evenly shaped	42"	
CONTAINERS								
ORNAMENTAL GRASSES								
KESC	100	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	41"	Cont.	Full, well rounded plant	15-30"	
HERBACEOUS PERENNIALS								
HRD	5	Hemerocallis 'Happy Returns'	Happy Returns Daylily	41"	Cont.	Full, well rounded plant, evenly shaped	18"	
RHC	7	Hemerocallis 'Roya Returns'	Roya Returns Daylily	41"	Cont.	Full, well rounded plant, evenly shaped	18"	
FRCH	30	Heuchera americana 'Palace Purple'	Palace Purple Coralbells	41"	Cont.	Full, well rounded plant, evenly shaped	18"	
WDC	14	Nepeta racemosa 'Cat Paw'	Dwarf Catmint	41"	Pat.	Full, well rounded plant, evenly shaped	24"	
WES	9	Rudbeckia 'Hagita Solistone'	Black-eyed Susan	41"	Cont.	Full, well rounded plant, evenly shaped	18"	
WNS	21	Salvia nemorosa 'May Night'	May Night Salvia	41"	Cont.	Full, well rounded plant, evenly shaped	18"	
SEEDS								
PLN	570	Lawn Establishment Area / Grading Area				57	Reinder's Deluxe 50 Seed Mix (300 750-3301)	
4380		Erosion Matting for sloped seeded areas	see plan for area delineation			57	EroTrex Erosion Control Blanket (or approved equal)	
100		Stonewater Seed Mix	see plan for area delineation			57	Cardno/Revo Stonewater Seed Mix	
175		Native Prairie Seed Mix	see plan for area delineation			57	Cardno/Revo Native Prairie Seed Mix	
Hardscape Materials								
82		Prevetted Hardwood Mulch (12" depth)	Area: 6,840 SF			CR	Bark Mulch Apply Preemergent after installation of mulch	
135		Soil amendments (17" depth)	Area: 6,840 SF			CR		
136		Paved Topsoil (Seedbed Area)	Area: 63,903 SF			CR		
54		Paved Topsoil (12" woodbed area)	Area: 6,840 SF			CR		
<p>*Landscape counts & quantities are provided as a service to the Landscape Contractor. Landscape Contractor is responsible for verifying these counts and quantities in order to provide a complete landscape installation as outlined on the Landscape Material List. In the event that a discrepancy occurs between this schedule and the Landscape Material List, the Landscape Material List, including the graphics, and notations depicted therein, shall govern.</p>								
Seed Compositions:								
Reinder's Deluxe 50 Seed Mix (300 750-3301)								
20% Kentucky Bluegrass Seed (Kentucky)								
10% New York Kentucky Bluegrass								
10% Kentucky Bluegrass								
10% Kentucky Bluegrass								
20% Creeping Red Fescue								
Seed at rate of 150-200 lbs per acre								

HELLER & ASSOCIATES, LLC
 LANDSCAPE ARCHITECTURE
 P.O. Box 1359
 Lake Geneva, Wisconsin 53147-1359
 ph 262.639.9733
 dave@heller.com
 www.heller.com

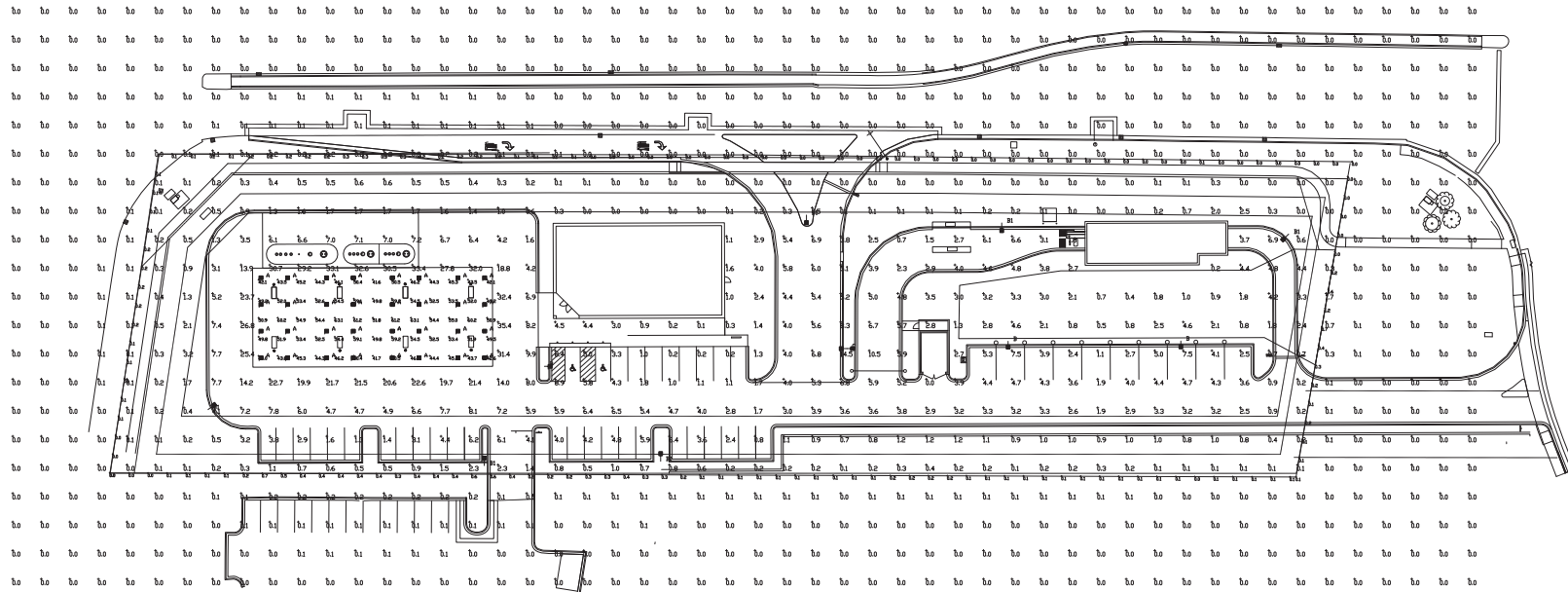


THE PRIDE OF KANE COUNTY
 Southeast Corner of Main St. & Kirk Rd. St. Charles, IL

ISSUANCE AND REVISIONS	
DATE	DESCRIPTION
10.3.19	ISSUE TO OWNER
10.25.19	REVISIONS
03.03.20	REVISIONS
05.15.20	CITY COMMENTS
05.20.20	CITY COMMENTS
05.28.20	REV. MOUNTMENT SIGN
06.22.20	REVISED CIVIL

SHEET TITLE	
LANDSCAPE DETAILS, NOTES, & SCHEDULES	
PROJECT MANAGER	WDH
PROJECT NUMBER	19-066
DATE	06.22.20
SHEET NUMBER	

L 1.3



Luminaire Schedule		Arrangement	Description	LLD	UDF	LLF	Arr. Lum. Lumens	Arr. Watts		
Symbol	Qty	Label								
	32	A	SINGLE	SCV-LED-18L-SC-50	MTB @ 15'	1.000	1.000	1.000	15410	103
	3	B	SINGLE	SLM-LED-18L-SIL-FT-50-70CRI-SINGLE-16'PDLE*2'BASE		1.000	1.000	1.000	19664	148.5
	6	BI	SINGLE	SLM-LED-18L-SIL-FT-50-70CRI-IL-SINGLE-16'PDLE*2'BASE		1.000	1.000	1.000	12568	148.5
	1	C	DI80	SLM-LED-18L-SIL-FT-50-70CRI-DI80-16'PDLE*2'BASE		1.000	1.000	1.000	39328	297

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL_CALC_POINTS	Illuminance	Fc	1.52	35.4	0.0	N.A.	N.A.
CANOPY	Illuminance	Fc	50.74	631	41.6	1.22	1.52
EAST PROPERTY LINE	Illuminance	Fc	0.31	1.6	0.0	N.A.	N.A.
NORTH PROPERTY LINE	Illuminance	Fc	0.07	0.3	0.0	N.A.	N.A.
SOUTH PROPERTY LINE	Illuminance	Fc	0.20	0.7	0.0	N.A.	N.A.
WEST PROPERTY LINE	Illuminance	Fc	0.11	0.2	0.0	N.A.	N.A.
INSIDE CURB	Illuminance	Fc	7.21	35.4	0.0	N.A.	N.A.



[Click image to open Product Page](#)

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with the Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in luminaire LEDs and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature notes does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

Total Project Watts
Total Watts = 49295

LIGHTING PROPOSAL LD-148828-3

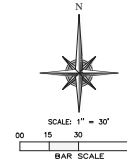
PROJECT: KERR ROAD & IL RTE 64
ST CHARLES, IL

DATE: 01/28/24 REV: 08-20 SHEET 1 OF 1

SCALE: 1"=30' 0 30

PRELIMINARY PLAT OF SUBDIVISION PRIDE OF KANE COUNTY

BEING A SUBDIVISION IN THAT PART OF THE NORTHWEST 1/4 OF SECTION 25, TOWNSHIP 40 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN THE TOWNSHIP AND CITY OF ST. CHARLES, KANE COUNTY, ILLINOIS.

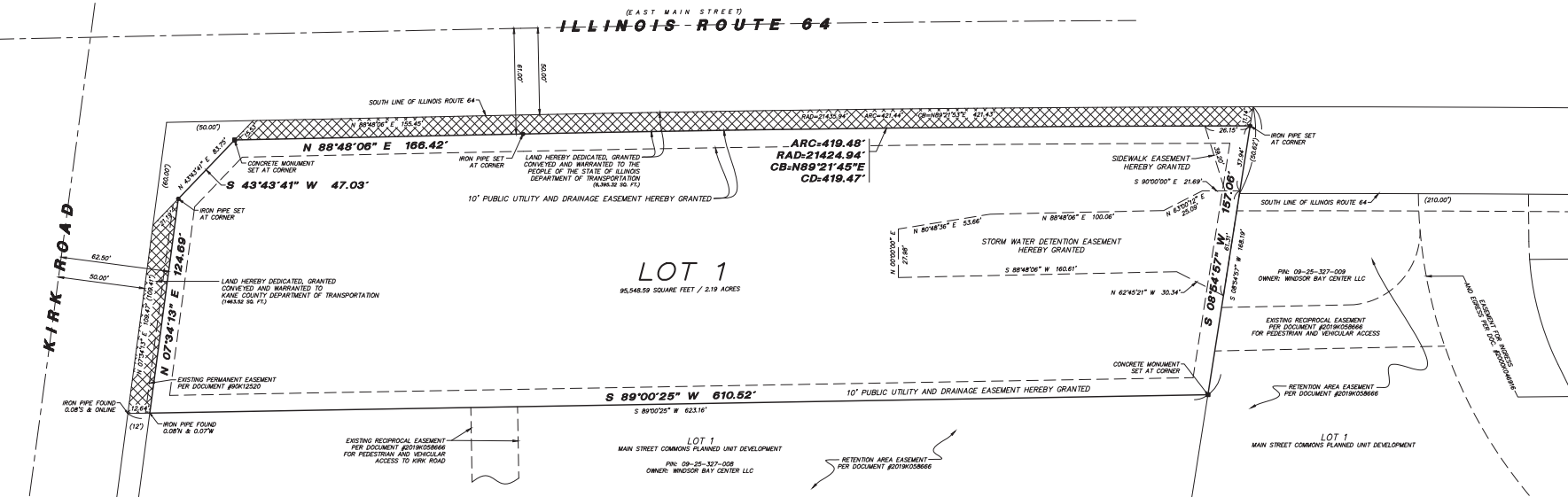


PIN NUMBER:
09-25-100-036
AFTER RECORDING RETURN TO:
CITY OF ST. CHARLES
2 E. MAIN STREET
ST. CHARLES, IL 60174
PROPERTY OWNER:
CMA DEVELOPERS, LP
30040 BUTTERFIELD ROAD
WARRENVILLE, IL 60555
SUBDIVIDER:
THE W-T GROUP, LLC
2675 PRATIUM AVE.
HOFFMAN EST. IL 60192
224-293-6333
DESIGNER/ENGINEER:
THE W-T GROUP, LLC
2675 PRATIUM AVE.
HOFFMAN EST. IL 60192
224-293-6333

- LEGEND**
- PROPERTY LINE
 - UNDERLINE OF RIGHT OF WAY
 - UNDERLYING PROPERTY LINES
 - SET CONCRETE MONUMENT / SET IRON PIPE
 - RECORD PROPERTY DIMENSIONS
 - RIGHT OF WAY (HEREBY DEDICATED)

NOTES:

1. BASIS OF BEARINGS IS TRUE NORTH BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, ILLINOIS EAST 1201 ZONE.
2. ANY DISCREPANCIES FOUND WITH THIS DOCUMENT NEED TO BE REPORTED TO THE SURVEYOR AS SOON AS POSSIBLE.



OWNER'S CERTIFICATE

STATE OF _____)
) SS
COUNTY OF _____)

THIS IS TO CERTIFY THAT CMA DEVELOPERS, LP IS THE OWNER OF THE LAND SHOWN AND DESCRIBED ON THE ANNEXED PLAT AND BY ITS DULY AUTHORIZED MANAGER HAS AS SUCH OWNER CAUSED THE SAME TO BE SURVEYED, SUBDIVIDED AND PLATTED AS SHOWN THEREON FOR THE USES AND PURPOSES THEREIN SET FORTH AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON SHOWN.

THE UNDERSIGNED DO HEREBY CERTIFY THAT, AS OWNERS OF THE PROPERTY DESCRIBED IN THE SURVEYOR'S CERTIFICATE, TO THE BEST OF THEIR KNOWLEDGE, IS LOCATED WITHIN THE BOUNDARIES OF ST. CHARLES COMMUNITY UNIT SCHOOL DISTRICT 303.

DATED THIS _____ DAY OF _____ A.D. _____

BY: _____

PRINT NAME: _____

ADDRESS: _____

NOTARY CERTIFICATE

STATE OF _____)
) SS
COUNTY OF _____)

I, _____, A NOTARY PUBLIC, IN AND FOR SAID COUNTY, IN THE STATE AFORESAID, DO HEREBY CERTIFY THAT _____ PERSONALLY KNOWN TO ME TO BE THE SAME PERSONS WHOSE NAMES ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT AS SUCH OWNERS, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED THE ANNEXED PLAT AS THEIR OWN FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES THEREIN SET FORTH.

GIVEN UNDER MY HAND AND SEAL THIS _____ DAY OF _____ A.D. _____

NOTARY PUBLIC _____
MY COMMISSION EXPIRES: _____

CITY COUNCIL CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF KANE)

APPROVED THIS _____ DAY OF _____ A.D. _____ BY THE COUNCIL OF THE CITY OF ST. CHARLES.

MAYOR _____

CITY CLERK _____

DIRECTOR OF COMMUNITY DEVELOPMENT CERTIFICATE

STATE OF _____)
) SS
COUNTY OF _____)

I, _____, DO HEREBY CERTIFY THAT THE REQUIRED IMPROVEMENTS HAVE BEEN INSTALLED, OR THE REQUIRED GUARANTEE BOND HAS BEEN POSTED FOR THE COMPLETION OF ALL REQUIRED LAND IMPROVEMENTS.

DIRECTOR OF COMMUNITY DEVELOPMENT _____
DATED AT _____ ILLINOIS, THIS _____ DAY OF _____, D. 20____

SPECIAL ASSESSMENT CERTIFICATE

STATE OF _____)
) SS
COUNTY OF _____)

I, _____, DO HEREBY CERTIFY THAT THERE ARE NO SELINQUENT OR UNPAID CURRENT OR FORFEITED SPECIAL ASSESSMENTS OR ANY DEFERRED INSTALLMENTS THEREOF THAT HAVE BEEN APPORTIONED AGAINST THE TRACT OF LAND INCLUDED IN THE PLAT.

COLLECTOR OF SPECIAL ASSESSMENTS _____
DATED AT ST. CHARLES, ILLINOIS, THIS _____ DAY OF _____ A.D. _____

PLAN COMMISSION CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF KANE)

APPROVED BY THE PLAN COMMISSION OF THE CITY OF ST. CHARLES.
THIS _____ DAY OF _____ A.D. _____

CHAIRMAN _____

ILLINOIS DEPARTMENT OF TRANSPORTATION CERTIFICATE

THIS PLAT HAS BEEN APPROVED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION WITH RESPECT TO ROADWAY ACCESS PURSUANT TO §2 OF "AN ACT TO REVISE THE LAW IN RELATION TO PLATS," AS AMENDED. A PLAN THAT MEETS THE REQUIREMENTS CONTAINED IN THE DEPARTMENT'S "POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS" WILL BE REQUIRED BY THE DEPARTMENT.

ANTHONY J. QUIGLEY P.E.
REGION ONE ENGINEER

ILLINOIS DEPARTMENT OF TRANSPORTATION DEDICATION DESCRIPTION

TO BE CREATED AFTER REVIEW

ILLINOIS DEPARTMENT OF TRANSPORTATION CERTIFICATE
THE PROPOSED DEDICATION TO THE PEOPLE OF THE STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION IS HEREBY ACCEPTED.
BY: ANTHONY J. QUIGLEY P.E. DATE: _____ 20____
REGION ONE ENGINEER

WT GROUP
Engineering and Professional, Public and Private
2875 Prairie Avenue (Hoffman Estates, IL 60192)
TEL: 630.293.6333 FAX: 630.293.6444
www.wtgroup.com

WT Group
Engineering & Design Consulting

AQUATIC \ CIVIL \ MECHANICAL \ ELECTRICAL \ PLUMBING \ TELECOMMUNICATION \ STRUCTURAL \ ACCESSIBILITY CONSULTING \ DESIGN & PROGRAM MANAGEMENT \ LAND SURVEY

PLAT OF SUBDIVISION
PRIDE OF KANE COUNTY
3305180 BUTTERFIELD ROAD
WARRENVILLE, IL 60555

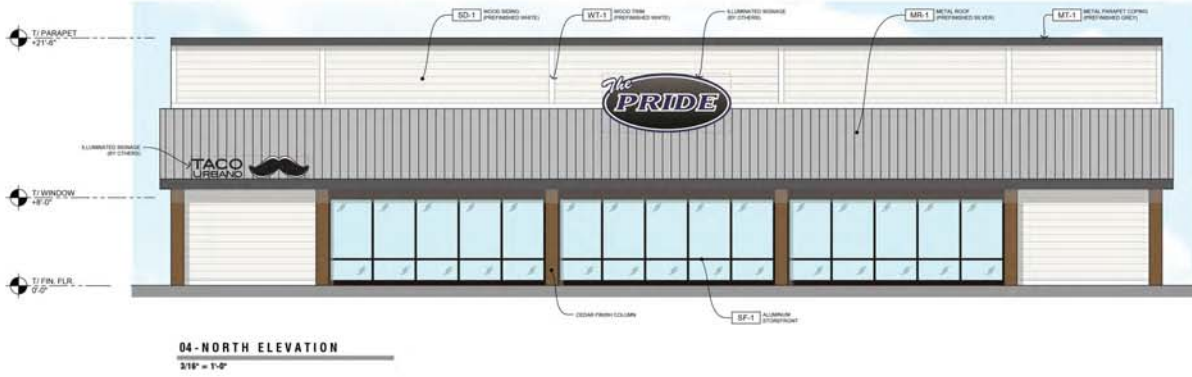
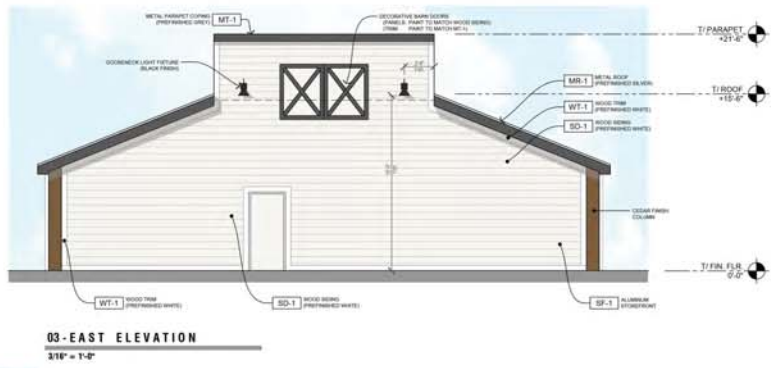
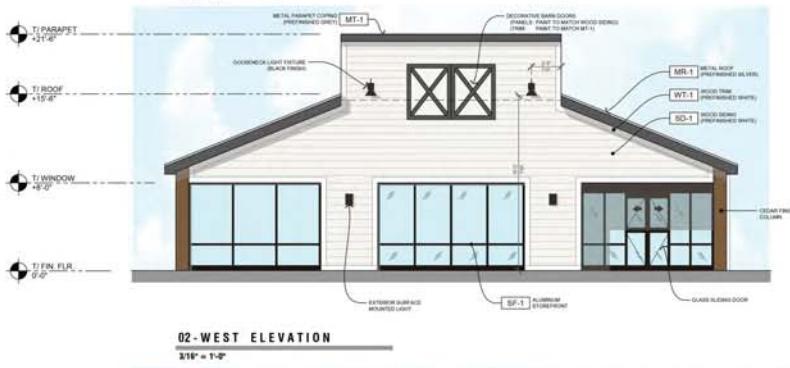
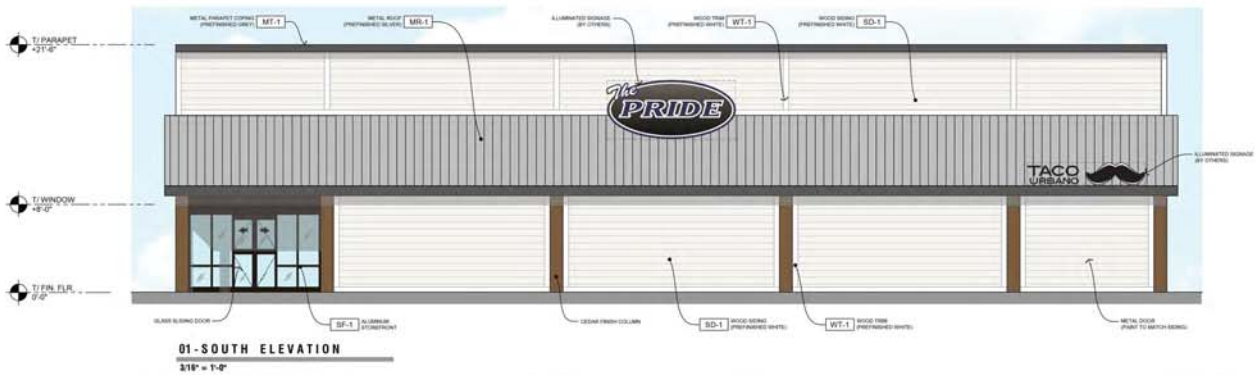
CMA DEVELOPERS
30040 BUTTERFIELD ROAD
WARRENVILLE, IL 60555

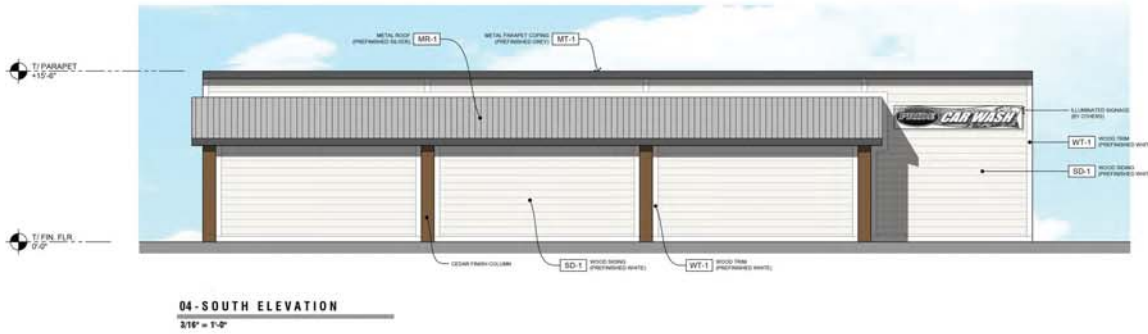
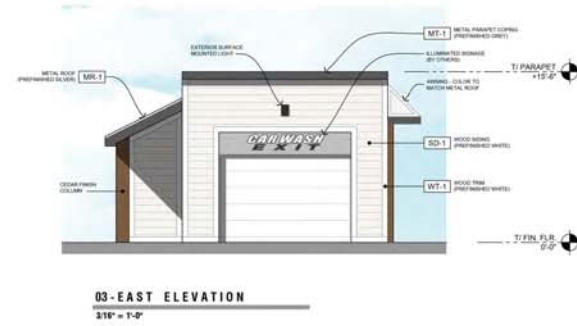
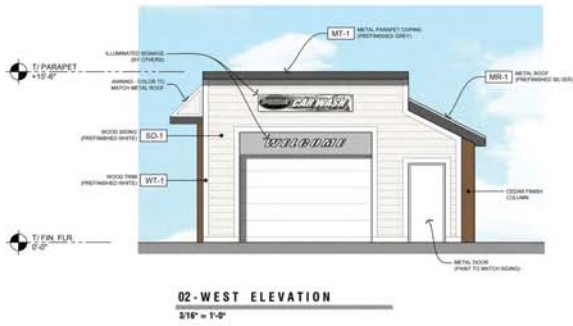
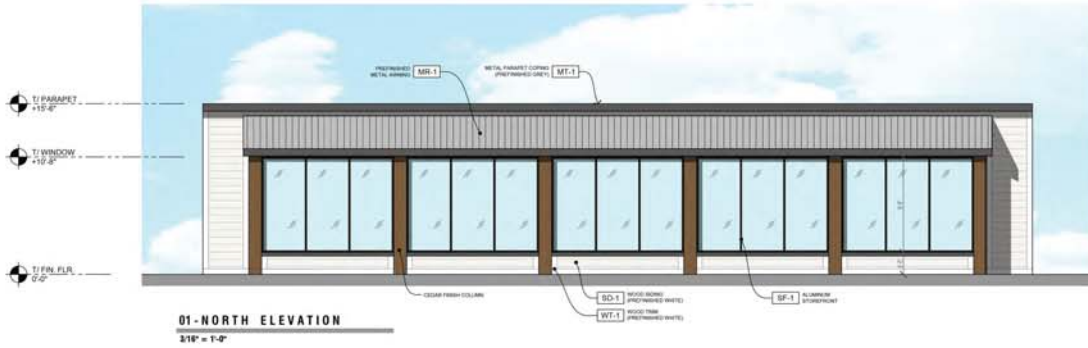
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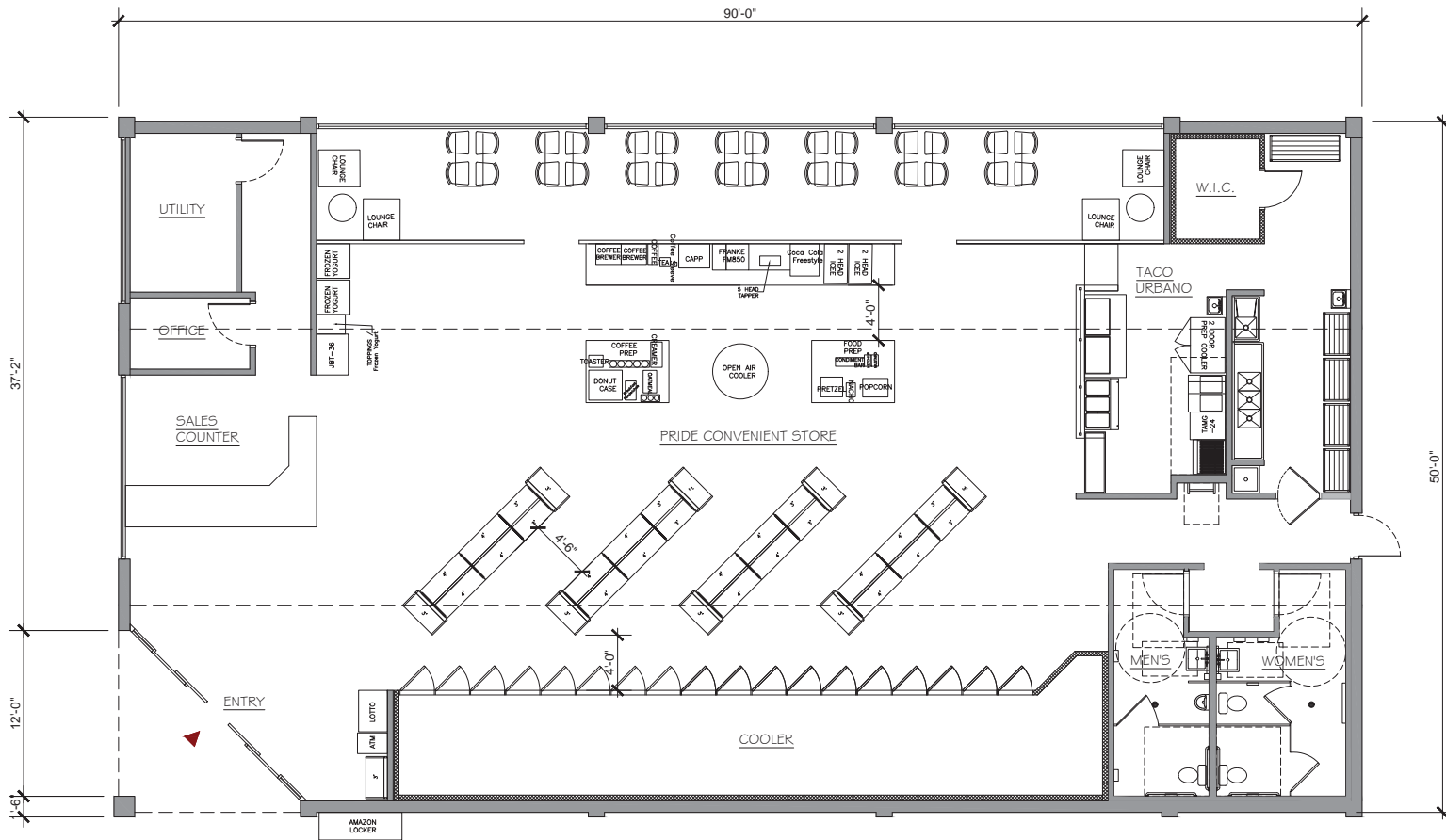
TO	DATE
CLIENT	1/10/20
CLIENT	2/11/20
CLIENT	2/14/20
CLIENT	3/9/20
CLIENT	3/16/20
CLIENT	6/30/20

CHECK/FIRM
DRAWN/KCH
JOB: 1910803C

SUB-1
SHEET 1 OF 2
PLAT OF SUBDIVISION







C-STORE PLAN
 1/4" = 1'-0"



B RETAIL CANOPY



ExxonMobil

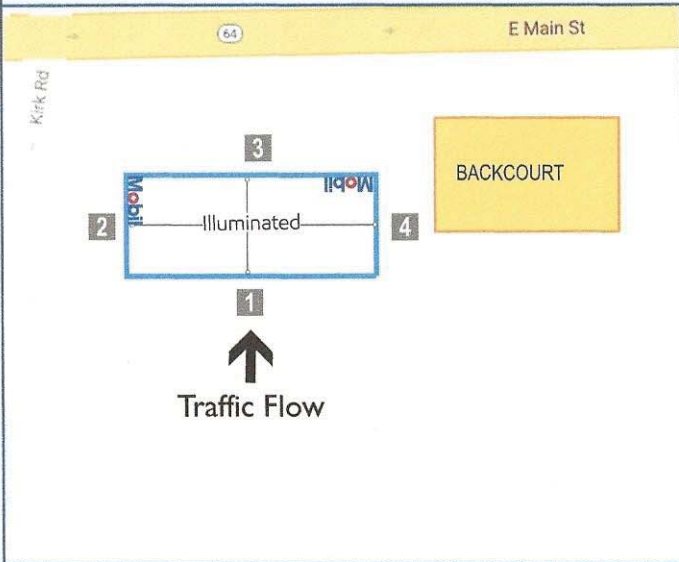


Conceptual Site Visual

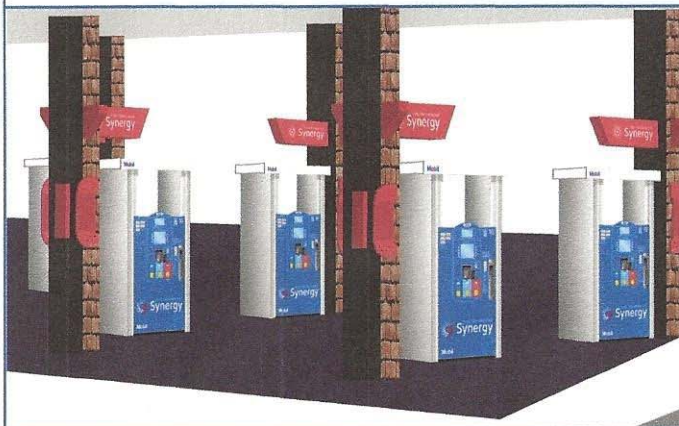
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ExxonMobil	-	ExxonMobil	B.Dighero	
Revision #	Date	Scale	Page #	
R2	05/ 26/ 2020	NA	5 OF 16	

B SITE CONFIGURATIONS

Canopy fascia artwork for visualization purposes only

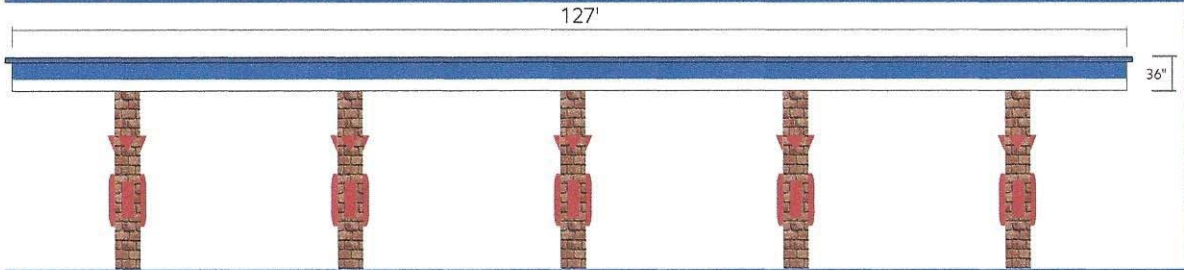


Overhead Map

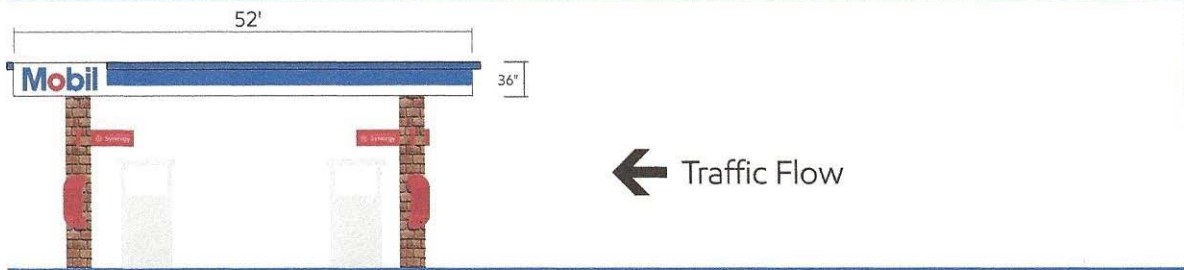


Canopy Perspective

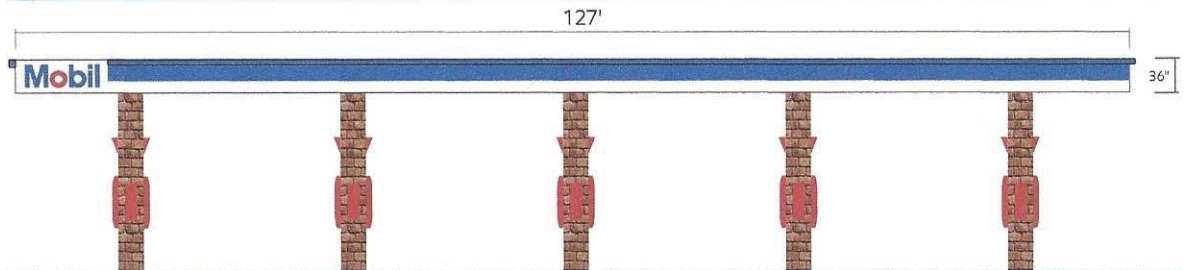
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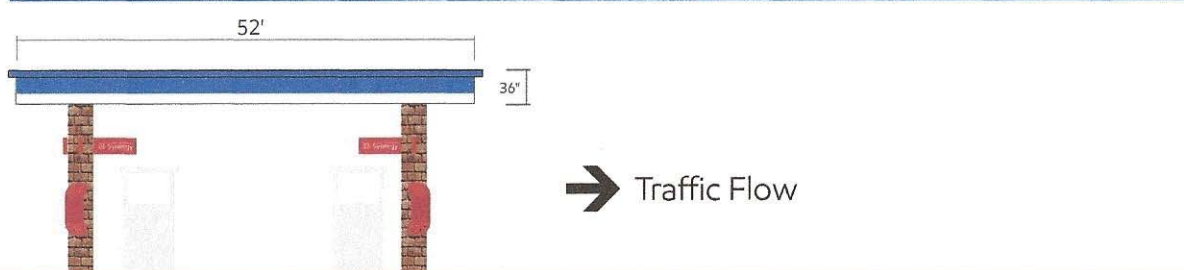
2 | RIGHT ELEVATION



3 | FRONT ELEVATION



4 | LEFT ELEVATION



Project Name

PBL #

Customer

Created by

ExxonMobil

-

ExxonMobil

B.Dighero

Brand Book
Site Image Materials Maintenance

Revision #

Date

Scale

Page #

R3

06_18_2020

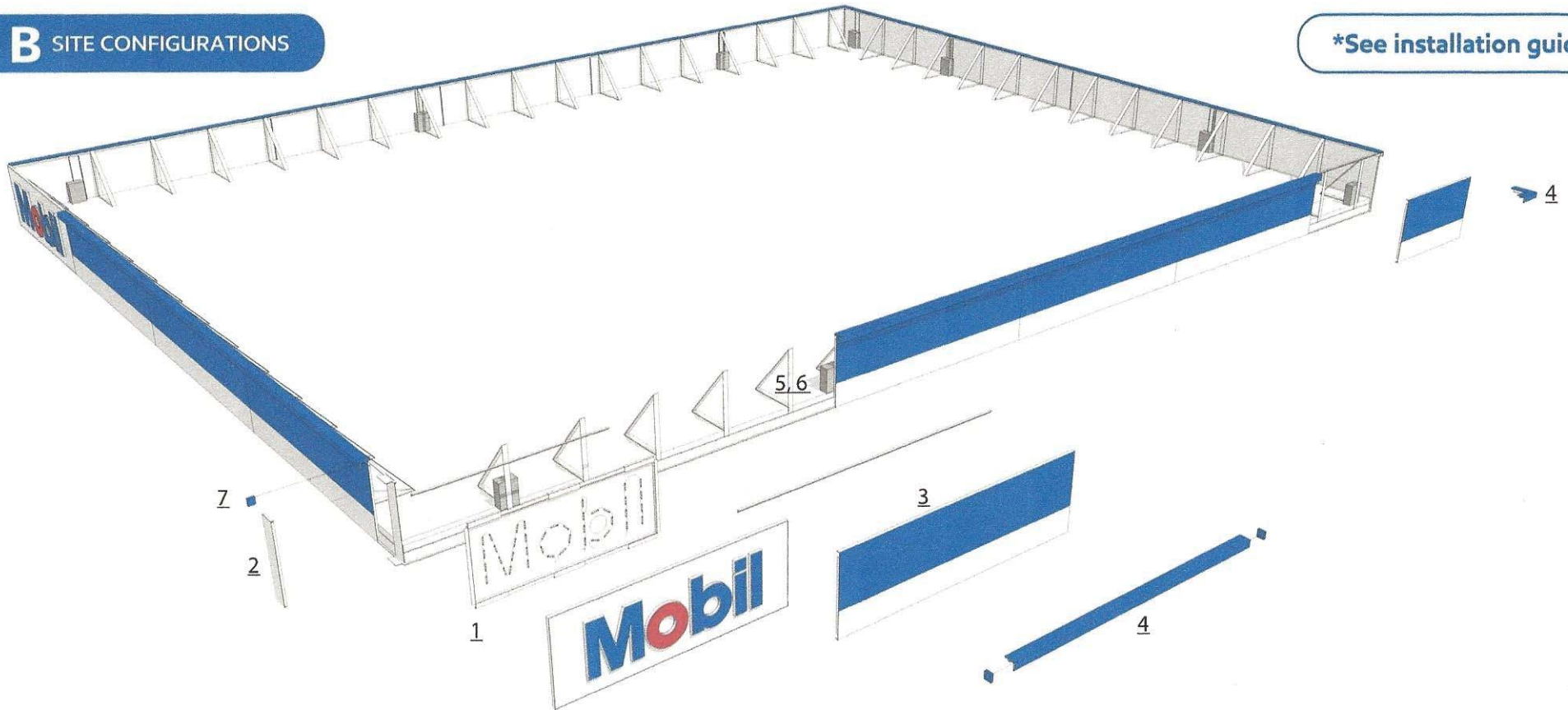
NA

4 OF 13

2 Northfield Plaza, Ste 250
Northfield, IL 60093
P. (847) 441-1818 F. (847) 592-9564

B SITE CONFIGURATIONS

*See installation guide



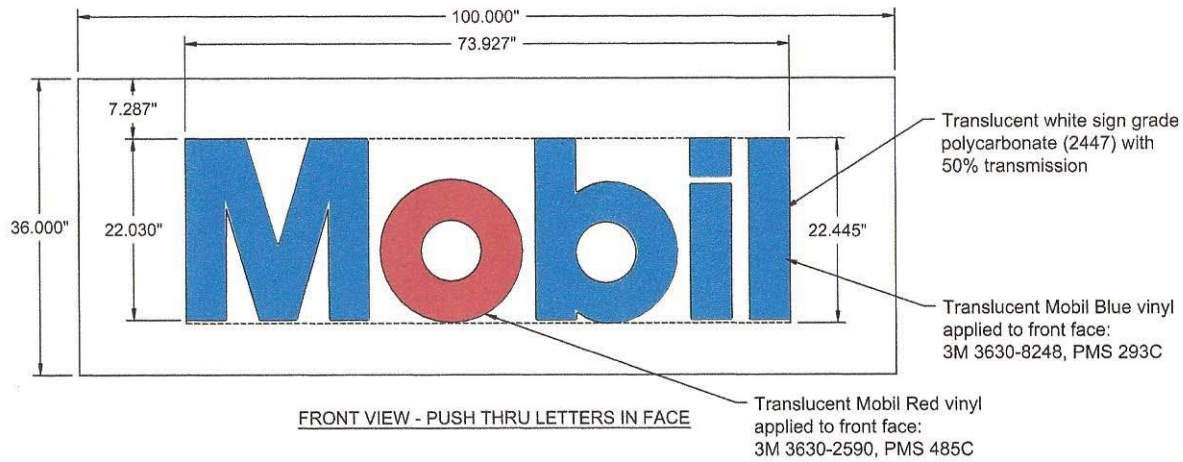
- Step 1. Begin with installing any logos (left or right Exxon or Mobil): back skin, side return, LED tray, power supplies and face.
- Step 2. Install logo corner panels on either side of the logo and the ends of each run.
- Step 3. Install mounting brackets and 120" ACM panels, cutting one panel per side to fit.
- Step 4. Install LED corners first, then install 118" LED downlight starting with ACM panel next to the logo. Install short downlight, cut to length or overlap as required on each side for site conditions.
- Step 5. Install (1) power supplies every other panel and connect to LEDs. Each corner downlight comes with their own power supply.
- Step 6. Install junction box power circuits every 200 feet for each side as required by site layout. Electrician to connect to 120VAC.
- Step 7. Install end caps.

Project Name	PBL #	Customer	Created by	Brand Book Site Image Materials Maintenance 2 Northfield Plaza, Ste. 250 Northfield, IL 60093 P: (847) 441-1818 F: (847) 592-9564
ExxonMobil	-	ExxonMobil	B.Dighero	
Revision #	Date	Scale	Page #	
R2	05/ 26/ 2020	NA	9 OF 16	

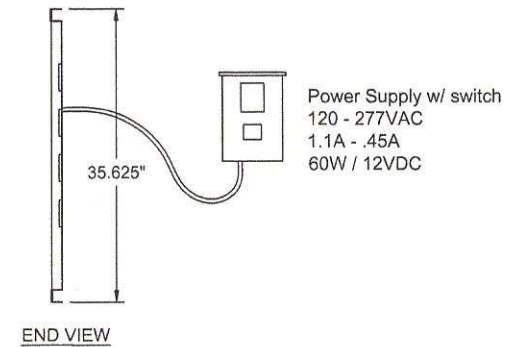
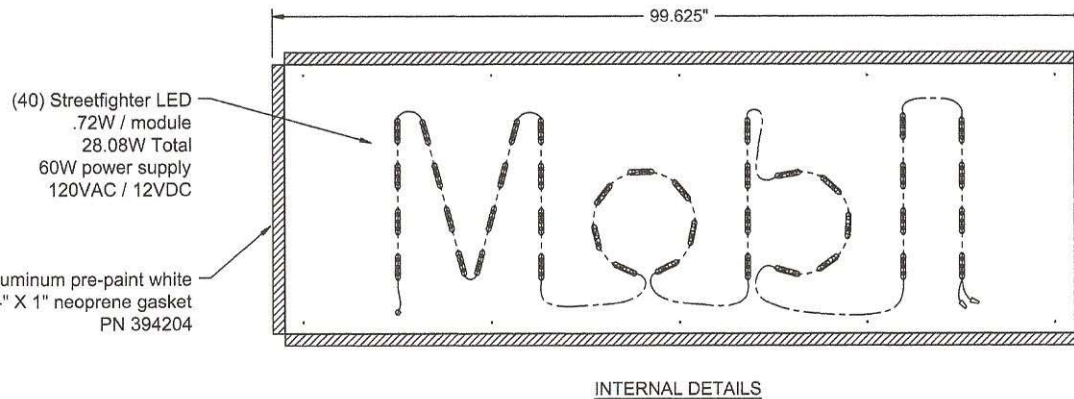
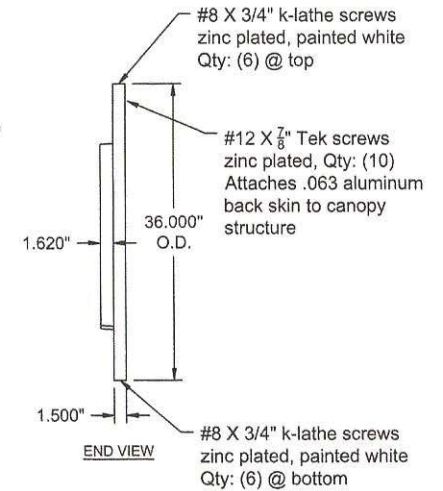
B SITE CONFIGURATIONS

***See installation guide**

SINGLE LETTER SPECS:
 "M" = 2.88 sq ft
 "o" = 1.44 sq ft
 "b" = 1.83 sq ft
 "i" = .80 sq ft
 "l" = .83 sq ft
 TOTAL = 7.78 sq ft
LETTER SPECS:
 22.445" X 73.927" = 11.5 SF
SIGN SPECS:
 36" X 100" = 25 SF
UL NUMBER:
 E84811



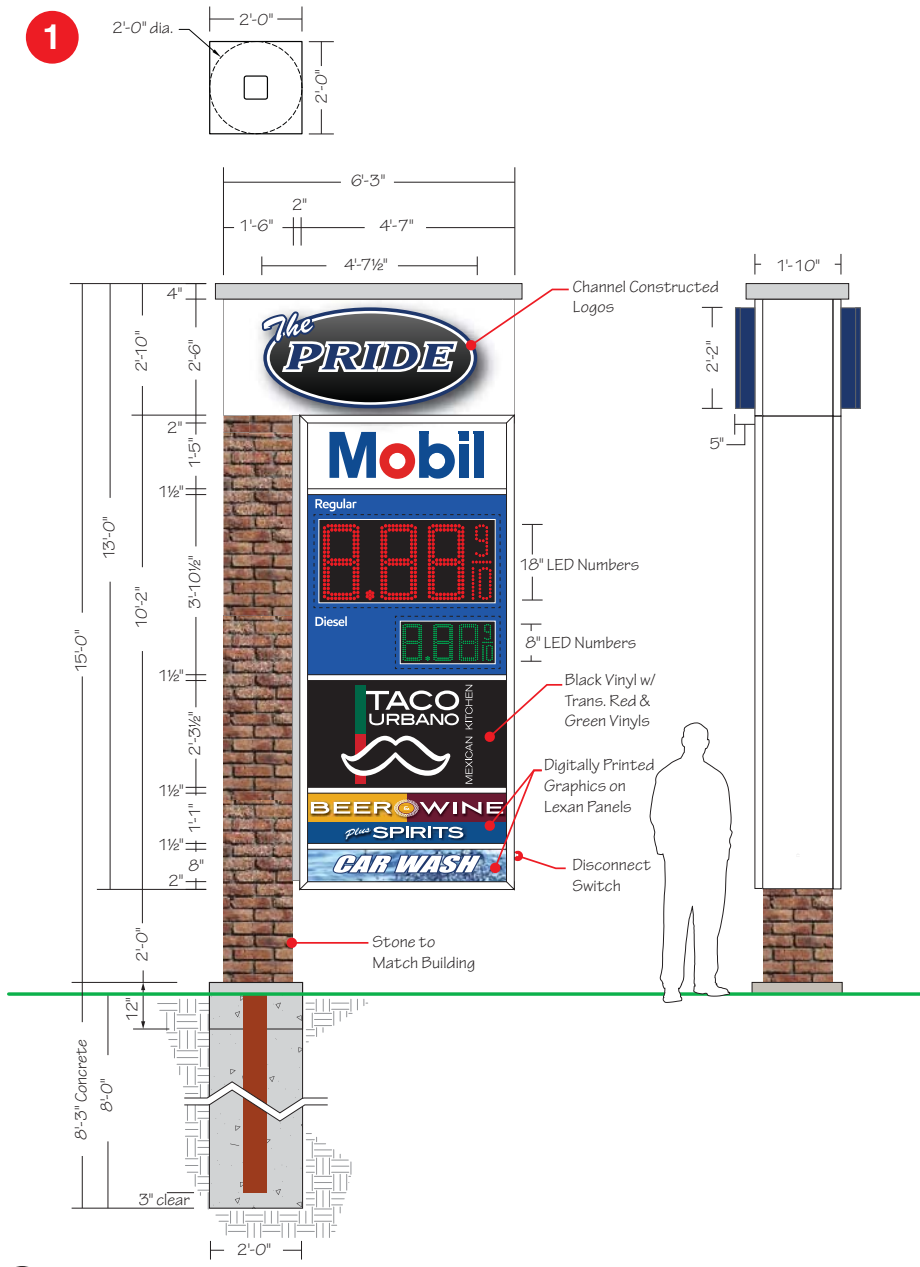
Appx weight of sign = 75lbs



NIGHT VIEW

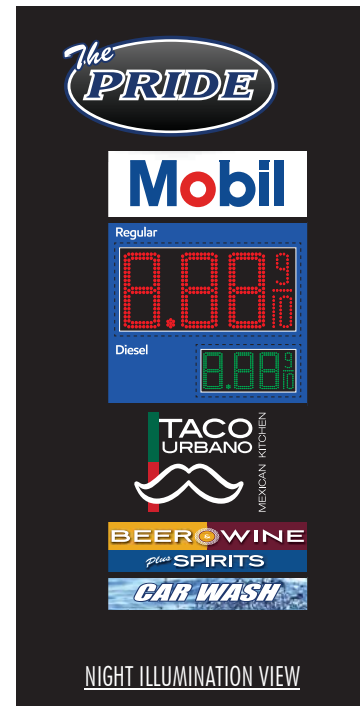
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ExxonMobil	-	ExxonMobil	B.Dighero	
Revision #	Date	Scale	Page #	
R2	05/ 26/ 2020	NA	8 OF 16	

1



(1) 13'-0" x 6'-3" Double Face Illuminated Flag Mounted Sign - 81.25 SF

- Cabinet:** Fabricated Aluminum Painted White - Satin Finish
- Pride Logos:** 5" Deep Fabricated Channel Letter - Decorated White Acrylic Face - White LED Illumination
- Mobile Logos:** 3M 3630-97 Bristol Blue & 143 Poppy Red Translucent Vinyls
- Pricer Panel:** 3M 3630-97 Bristol Blue Translucent Vinyl - Copy Reversed Out White
- Pricer Units: 16" LED & 12" LED
- Tenant Panels:** White Polycarbonate
- "Taco Urbano" Graphics:** 3M 7725-12 Black / 3630-76 Holly Green / 3630-33 Red Vinyls
- "Beer Wine Liquor" & Car Wash Panels:** White Polycarbonate w/ Digitally Printed Graphics
- Illumination:** White LEDs
- Power:** (2) 20Amp @ 120Volts Electrical Circuits Run to Site by Others
- Column:** CMU Block w/ Brick to Match Building
- Mounting:** (1) HSS 6" x 6" x 3/8" ASTM A-500 Gr. B with
(3) 4" x 4" x 3/16" ASTM A-500 Gr. B Steel Mounting Plates
- (1) 2'-0" dia. x 8'-0" deep Concrete Foundation w/
2'-0" W x 2'-0" L x 12" D Square Concrete Pad for Masonry



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www.parvinclauss.com

PROJECT:



SEC Kirk Road & Main Street (Rt. 64)
St. Charles, IL

CUSTOMER APPROVAL:
DATE

AUTHORIZED SIGNATURE

REPRESENTATIVE

House / RM / KZ

DRAWN BY

Bill Marlow

DATE

10.23.19

SCALE

3/8" = 1'

SHEET NO.

1 of 12

WORK ORDER

82989

FILE NAME

PRD82989

REVISIONS:

- 1 11.04.19 - center sundry cab.
- 2 5.18.20 - new layout
- 3 5.19.20 - size adjustments
- 4 5.26.20 - Taco Urbano Logo
- 5 6.19.20
- 6
- 7
- 8

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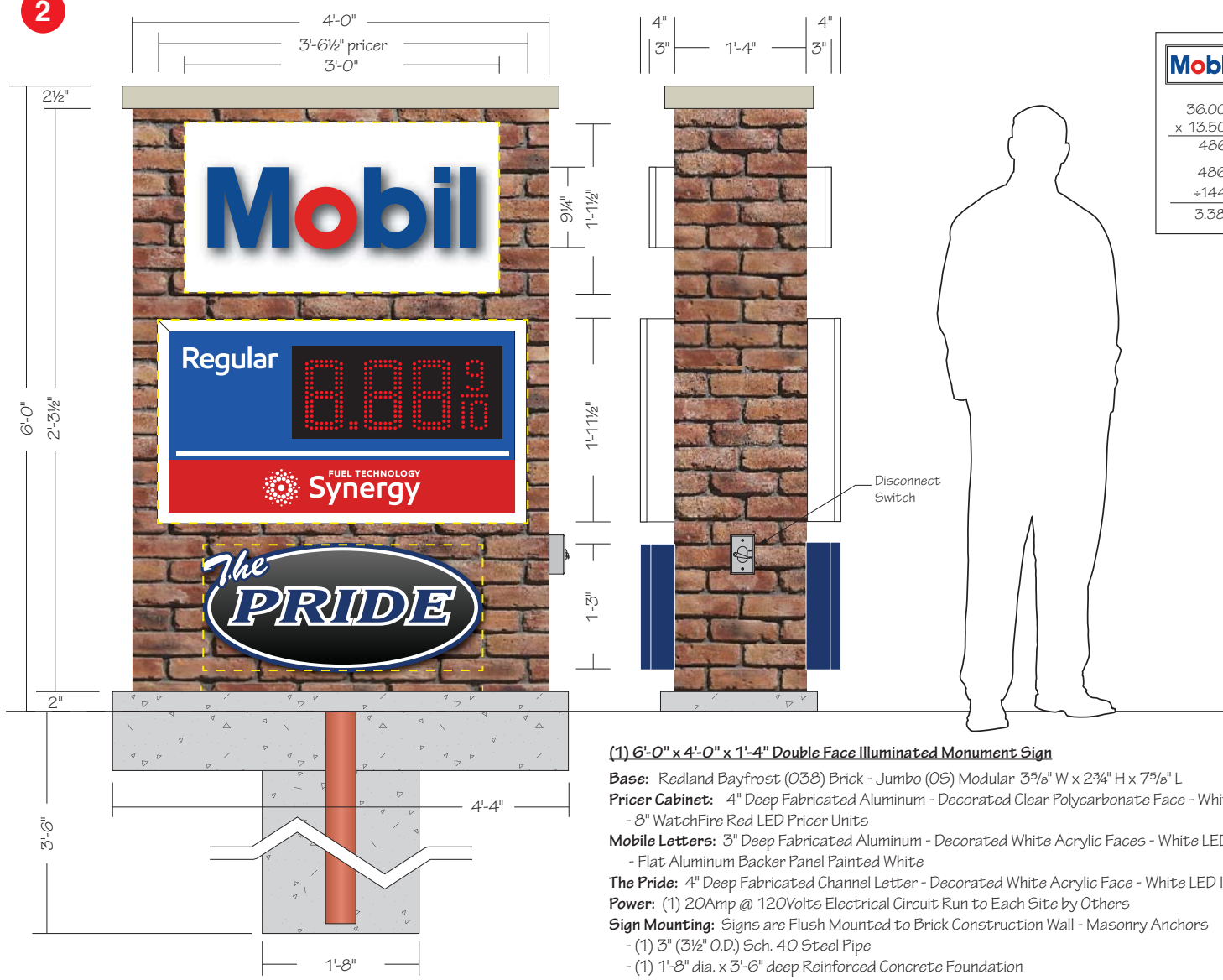


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2



36.00" x 13.50" 486"
486" +144" 3.38 SF

42.50" x 23.50" 998.75"
998.75" + 144" 7 SF

32.50" x 15.00" 487.50"
487.50" +144.00" 3.38 SF

3.38 SF 7.00 SF + 3.38 SF 13.76 SF
Signs

72.00" x 48.00" 3456"
3456" +144" 24 SF
Base

(1) 6'-0" x 4'-0" x 1'-4" Double Face Illuminated Monument Sign

- Base:** Redland Bayfrost (038) Brick - Jumbo (05) Modular 3⁵/₈" W x 2³/₄" H x 7⁵/₈" L
- Pricer Cabinet:** 4" Deep Fabricated Aluminum - Decorated Clear Polycarbonate Face - White LED Illumination
- 8" WatchFire Red LED Pricer Units
- Mobile Letters:** 3" Deep Fabricated Aluminum - Decorated White Acrylic Faces - White LED Illumination
- Flat Aluminum Backer Panel Painted White
- The Pride:** 4" Deep Fabricated Channel Letter - Decorated White Acrylic Face - White LED Illumination
- Power:** (1) 20Amp @ 120Volts Electrical Circuit Run to Each Site by Others
- Sign Mounting:** Signs are Flush Mounted to Brick Construction Wall - Masonry Anchors
 - (1) 3" (3¹/₂" O.D.) Sch. 40 Steel Pipe
 - (1) 1'-8" dia. x 3'-6" deep Reinforced Concrete Foundation
 - (1) 8" D x 4'-4" L x 1'-8" W Reinforced Concrete Pad for Masonry

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www.parvinclauss.com

PROJECT:



SEC Kirk Road & Main Street (Rt. 64)
St. Charles, IL

CUSTOMER APPROVAL:
DATE

AUTHORIZED SIGNATURE

REPRESENTATIVE

House / RM / KZ

DRAWN BY

Bill Marlow

DATE

10.23.19

SCALE

1" = 1'

SHEET NO.

2 of 12

WORK ORDER

82989

FILE NAME

PRD82989

REVISIONS:

- 11.04.19 - all cabs. on brick area
- 5.18.20
- 5.19.20
- 5.26.20 - Mobil letters / cab. depth
- 6.19.20
-
-
-

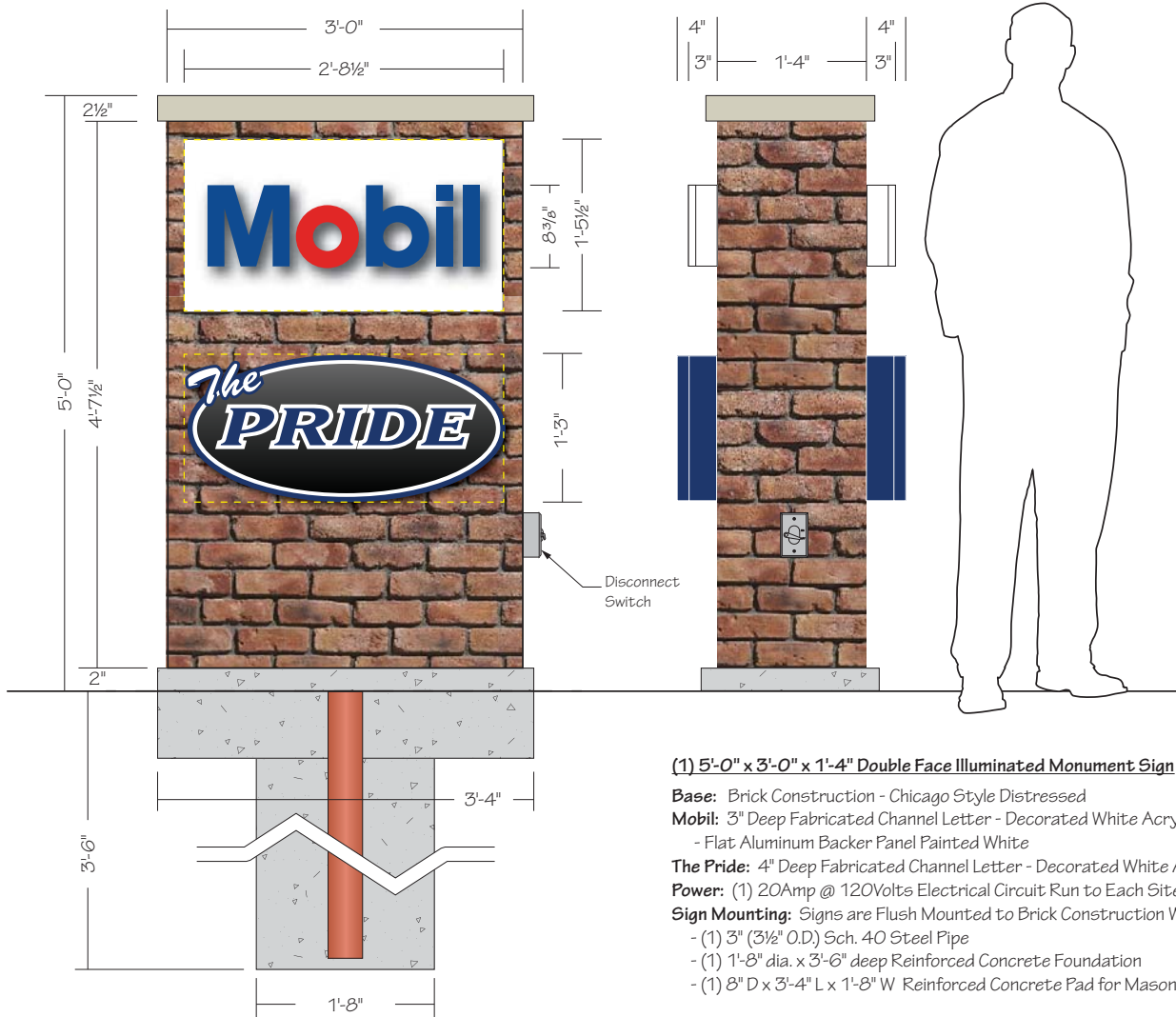
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(1) 5'-0" x 3'-0" x 1'-4" Double Face Illuminated Monument Sign

- Base:** Brick Construction - Chicago Style Distressed
- Mobil:** 3" Deep Fabricated Channel Letter - Decorated White Acrylic Faces - White LED Illumination
- Flat Aluminum Backer Panel Painted White
- The Pride:** 4" Deep Fabricated Channel Letter - Decorated White Acrylic Face - White LED Illumination
- Power:** (1) 20Amp @ 120Volts Electrical Circuit Run to Each Site by Others
- Sign Mounting:** Signs are Flush Mounted to Brick Construction Wall - Masonry Anchors
 - (1) 3" (3 1/2" O.D.) Sch. 40 Steel Pipe
 - (1) 1'-8" dia. x 3'-6" deep Reinforced Concrete Foundation
 - (1) 8" D x 3'-4" L x 1'-8" W Reinforced Concrete Pad for Masonry

$\begin{array}{r} 32.50'' \\ \times 17.50'' \\ \hline 568.75'' \\ +144'' \\ \hline 4\text{ SF} \end{array}$	 $\begin{array}{r} 32.50'' \\ \times 15.00'' \\ \hline 487.50'' \\ +144'' \\ \hline 3.38\text{ SF} \end{array}$
---	--

$\begin{array}{r} 4.00\text{ SF} \\ + 3.38\text{ SF} \\ \hline 7.38\text{ SF} \end{array}$ <p>Signs</p>	$\begin{array}{r} 60'' \\ \times 36'' \\ \hline 2160'' \\ + 144'' \\ \hline 15\text{ SF} \end{array}$ <p>Base</p>
---	---

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PROJECT:



SEC Kirk Road & Main Street (Rt. 64)
St. Charles, IL

CUSTOMER APPROVAL:

DATE _____

AUTHORIZED SIGNATURE _____

REPRESENTATIVE _____

House / RM / KZ _____

DRAWN BY Bill Marlow

DATE 10.23.19

SCALE 1" = 1'

SHEET NO. 3 of 12

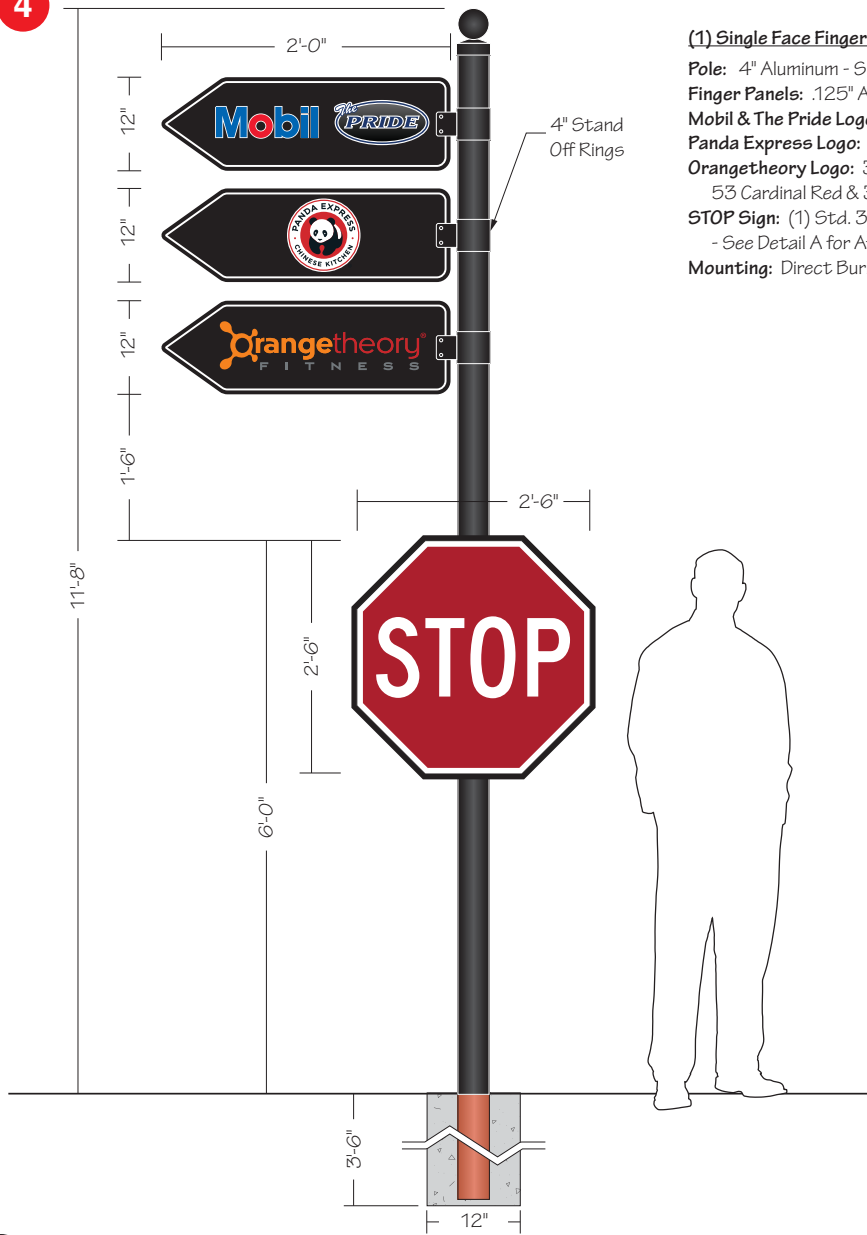
WORK ORDER 82989

FILE NAME PRD82989

REVISIONS:

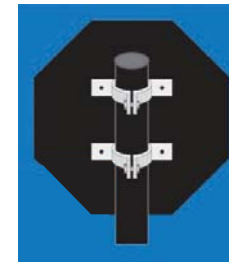
- 1 11.04.19
- 2 5.18.20
- 3 5.19.20
- 4 5.26.20 - Mobil letters / cab. depth
- 5 6.19.20
- 6
- 7
- 8

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(1) Single Face Fingerpost Directional Sign

Pole: 4" Aluminum - Smooth - Painted Black - Ball Cap
Finger Panels: .125" Aluminum Painted Black w/ Reflective White Vinyl In-line Border
Mobil & The Pride Logos: Digitally Printed on White Vinyl Applied
Panda Express Logo: Digitally Printed on White Vinyl Applied
Orangetheory Logo: 3M 7725-14 Bright Orange, 53 Cardinal Red & 31 Medium Gray Vinyls Applied
STOP Sign: (1) Std. 30" x 30" Applied to .125" thick Black Aluminum Backer Panel
 - See Detail A for Attachment Hardware
Mounting: Direct Burial in 1'-0" dia. x 3'-6" deep Concrete Foundation



DETAIL A - Post Brackets



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PROJECT:



SEC Kirk Road & Main Street (Rt. 64)
 St. Charles, IL

CUSTOMER APPROVAL:
DATE

AUTHORIZED SIGNATURE

REPRESENTATIVE

House / RM / KZ

DRAWN BY

Bill Marlow

DATE

10.23.19

SCALE

3/4" = 1'

SHEET NO.

4 of 12

WORK ORDER

82989

FILE NAME

PRD82989

REVISIONS:

1	11.04.19
2	5.18.20
3	5.19.20
4	5.26.20
5	6.19.20
6	
7	
8	

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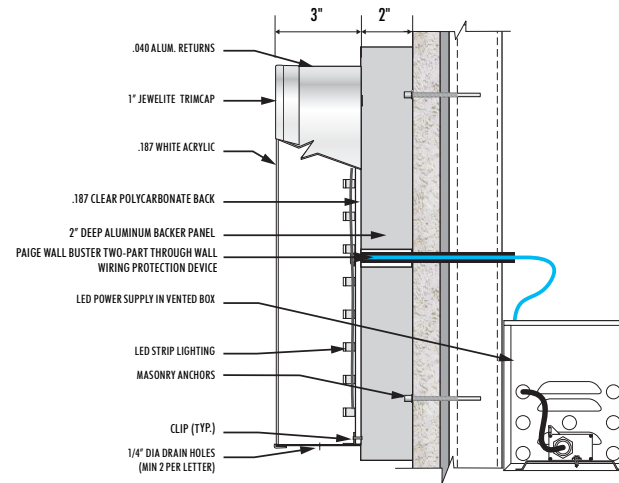
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5

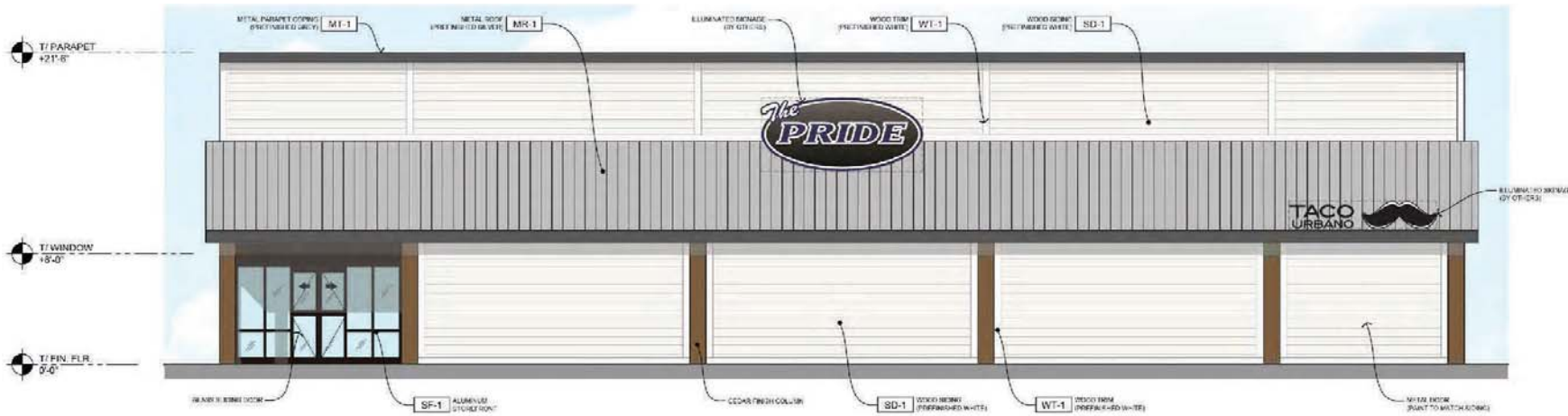


(1) 5'-4 5/8" x 11'-8 1/2" x 2" Deep SF Wall Sign w/ Illuminated Channel Letters

- Panel:** 2" Deep Fabricated Aluminum Painted PMS 288 Blue - Smooth Satin Finish
- Faces:** .125" Aluminum Painted PMS 288 Blue
- Inline Strip:** 3M 7725-10 White Vinyl
- Black/Grey Gradient:** Digitally Printed on Orajet 3751 RA White Vinyl Applied to Face
- Letters & White In-line:** Fabricated 3" Deep Channel Letters
- "The" Returns:** .040" Aluminum Painted PMS 288 Blue- 1" White Trimcap
- "PRIDE" & In-line Returns:** .040" Pre-finished White Aluminum - 1" White Trimcap
- Faces:** 732B White Acrylic w/ Avery UC 900-684T PMS 288 Blue Translucent Vinyl Applied to Faces
- Illumination:** White LEDs with Remote 60Watt Power Supplies
- Power:** Use Existing at Site
- Mounting:** Flush to Building with Anchors Appropriate for Wall Construction



3" DEEP U/L APPROVED LED-ILLUMINATED CHANNEL LETTER - WIREWAY MOUNT



01-SOUTH ELEVATION

Scale: 1/8" = 1'-0"

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PROJECT:



SEC Kirk Road & Main Street (Rt. 64)
St. Charles, IL

CUSTOMER APPROVAL:
DATE

AUTHORIZED SIGNATURE

REPRESENTATIVE

House / RM / KZ

DRAWN BY

Bill Marlow

DATE

10.23.19

SCALE

1/2" = 1'

SHEET NO.

5 of 12

WORK ORDER

82989

FILE NAME

PRD82989

REVISIONS:

1	11.04.19
2	5.18.20
3	5.19.20
4	5.26.20
5	6.19.20 - New Elevation
6	
7	
8	

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6



(1) 5'-4 5/8" x 11'-8 1/2" x 2" Deep SF Wall Sign w/ Illuminated Channel Letters

Panel: 2" Deep Fabricated Aluminum Painted PMS 288 Blue - Smooth Satin Finish

Faces: .125" Aluminum Painted PMS 288 Blue

Inline Strip: 3M 7725-10 White Vinyl

Black/Grey Gradient: Digitally Printed on Orajet 3751 RA White Vinyl Applied to Face

Letters & White In-line: Fabricated 3" Deep Channel Letters

"The" Returns: .040" Aluminum Painted PMS 288 Blue- 1" White Trimcap

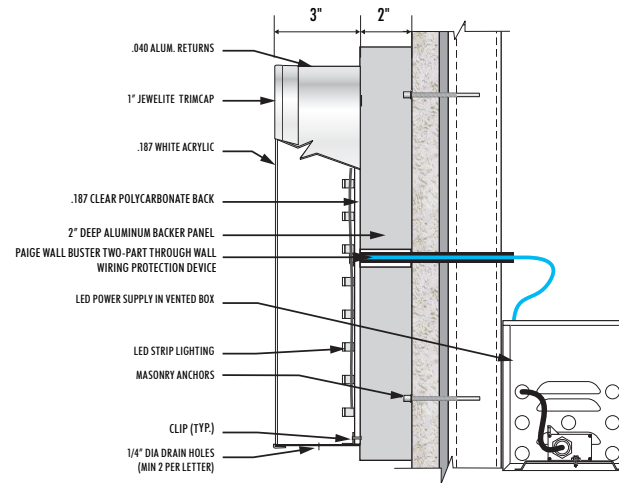
"PRIDE" & In-line Returns: .040" Pre-finished White Aluminum - 1" White Trimcap

Faces: 7328 White Acrylic w/ Avery UC 900-684T PMS 288 Blue Translucent Vinyl Applied to Faces

Illumination: White LEDs with Remote 60Watt Power Supplies

Power: Use Existing at Site

Mounting: Flush to Building with Anchors Appropriate for Wall Construction



3" DEEP U/L APPROVED LED-ILLUMINATED CHANNEL LETTER - WIREWAY MOUNT



04 - NORTH ELEVATION

Scale: 1/8" = 1'-0"

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PROJECT:



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St. Charles, IL

CUSTOMER APPROVAL:

DATE

AUTHORIZED SIGNATURE

REPRESENTATIVE

House / RM / KZ

DRAWN BY

Bill Marlow

DATE

10.23.19

SCALE

1/2" = 1'

SHEET NO.

6 of 12

WORK ORDER

82989

FILE NAME

PRD82989

REVISIONS:

1	11.04.19
2	5.18.20
3	5.19.20
4	5.26.20
5	6.19.20 - New Elevation
6	
7	
8	

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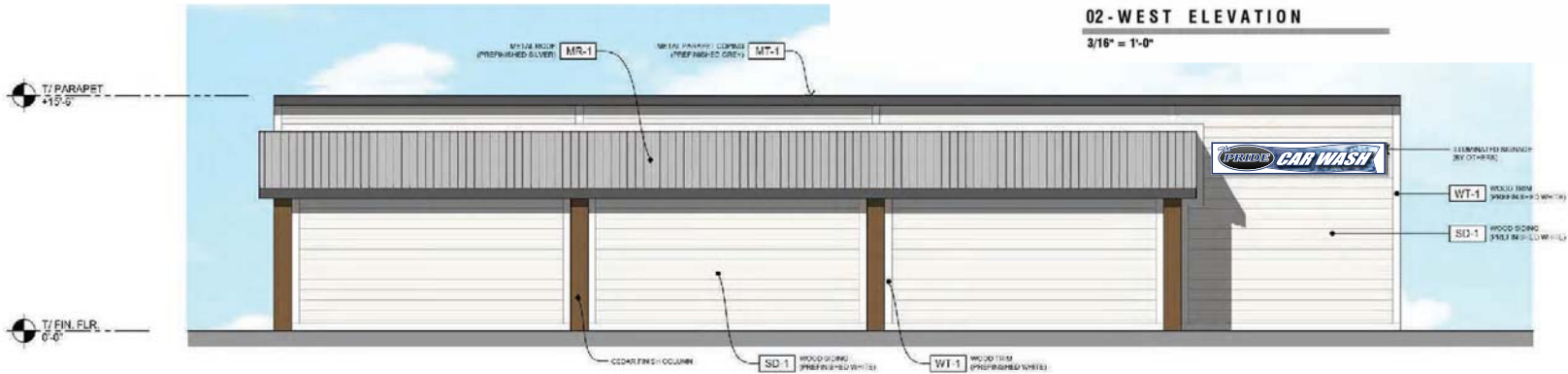
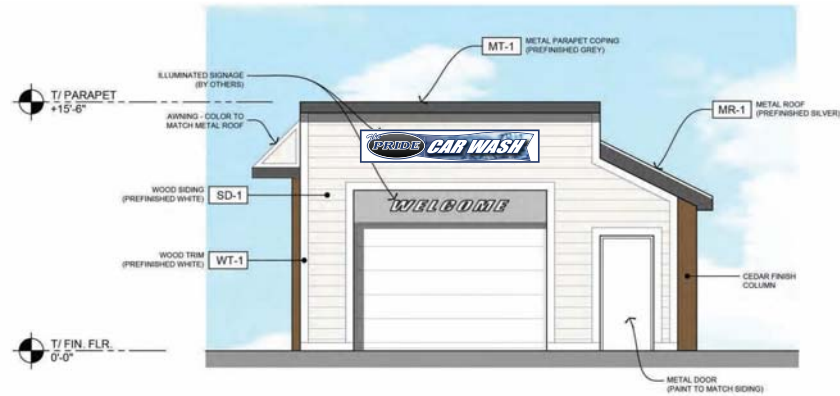
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(2) 2'-1 1/2" x 11'-6" x 5" Deep SF Wall Sign

- Cabinet:** 5" Deep Fabricated Aluminum Painted PMS 288 Blue - Smooth Satin Finish
- Faces:** 3/16" White Polycarbonate
- Graphics:** Digitally Printed on Translucent White Vinyl
- Illumination:** White LEDs with 12V GOW 120/277V Power Supplies
- Power:** Use Existing at Site
- Mounting:** Flush to Building with Anchors Appropriate for Wall Construction



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PROJECT:



SEC Kirk Road & Main Street (Rt. 64)
St. Charles, IL

CUSTOMER APPROVAL:
DATE

AUTHORIZED SIGNATURE

REPRESENTATIVE

House / RM / KZ

DRAWN BY

Bill Marlow

DATE

10.23.19

SCALE

1" = 1'

SHEET NO.

7 of 12

WORK ORDER

82989

FILE NAME

PRD82989

REVISIONS:

- 11.04.19
- 5.18.20
- 5.19.20
- 5.26.20
- 6.19.20 - New Sign
-
-
-

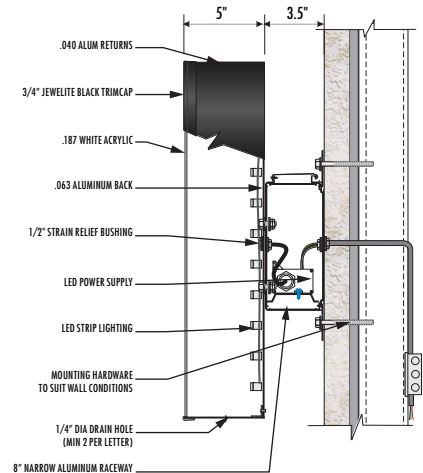
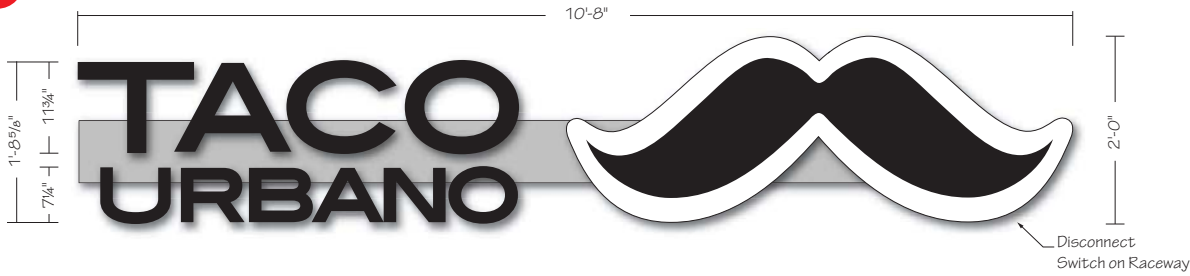
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(1 set) 5" Deep Illuminated Channel Letters & Logo on Raceway

Letter & Logo Returns: .040" Fabricated Aluminum Prefinished Black
Letter Faces: White Acrylic w/ 3M 3635-222 Black Perforated Vinyl Applied - 3/4" Black Trimcap
Logo Face: White Acrylic w/ 3M 7725-12 Black Vinyl Applied - 3/4" Black Trimcap
Raceway: Std. 8" Narrow - Extruded Aluminum Painted to Match Wall Color
Illumination: White LEDs with 60Watt Power Supplies in Raceway
Power: (1) 20Amp @ 120Volt Electrical Circuit Run to Site by Others
Mounting: Flush to Building with Anchors Appropriate for Wall Construction



04 - NORTH ELEVATION

Scale: 1/8" = 1'-0"

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PROJECT:



SEC Kirk Road & Main Street (Rt. 64)
St. Charles, IL

CUSTOMER APPROVAL:
DATE

AUTHORIZED SIGNATURE

REPRESENTATIVE

House / RM / KZ

DRAWN BY

Bill Marlow

DATE

10.23.19

SCALE

1/2" = 1'

SHEET NO.

9 of 12

WORK ORDER

82989

FILE NAME

PRD82989

REVISIONS:

- 1 11.04.19
- 2 5.18.20
- 3 5.19.20
- 4 5.26.20
- 5 6.19.20 - New Elevation
- 6
- 7
- 8

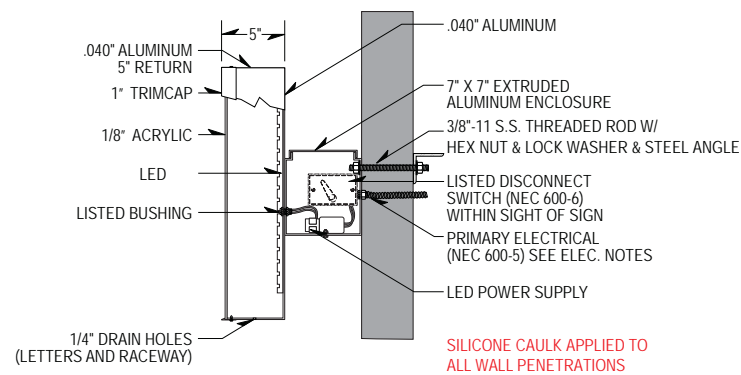
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(1 set each) 5" Deep Illuminated Channel Letters on Raceways - 8.45 SF / 14.40 SF

Returns: Fabricated Aluminum Painted PMS 288 Blue

Faces: #7328 White Acrylic w/ 1" Jewelite White trimcap

Vinyl: 3M 3630-157 Sultan Blue Translucent Vinyl

Raceways: Std. 7" x 7" Aluminum Painted to Match Wall Color - SW 7063 Nebulous White

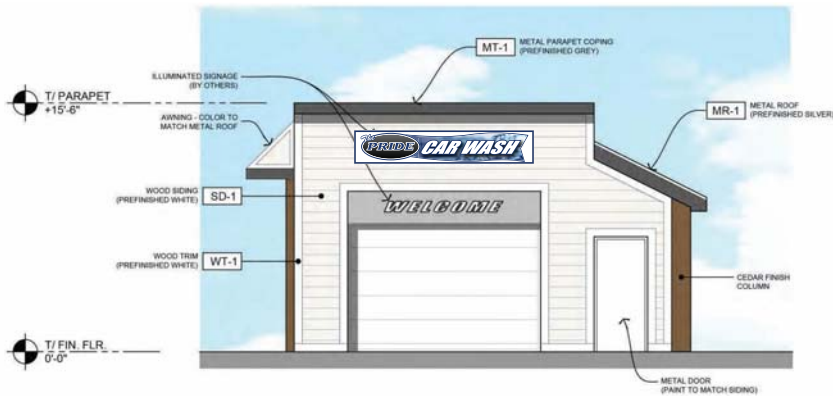
Illumination: White LED

Power: (1) 20Amp @ 120Volts Electrical Circuit Run to Site by Others

Mounting: Raceways Flush Mounted to Building - Appropriate Hardware for Wall Construction

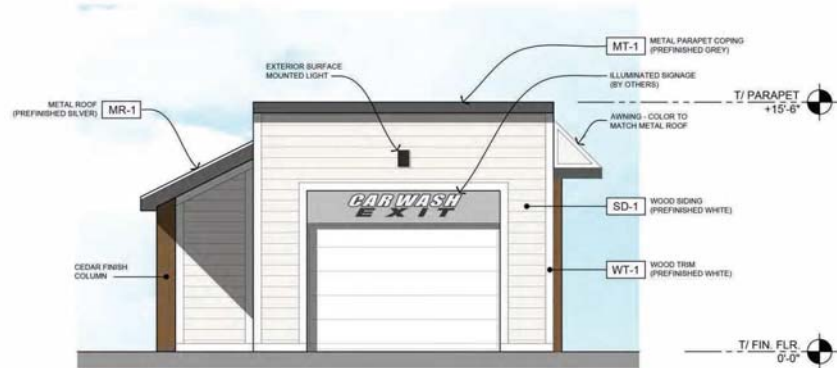
Bottom Raceway Mount
Upside Down

NOTE: FIELD SURVEY REQUIRED PRIOR TO FABRICATION



02 - WEST ELEVATION

Scale: 1/8" = 1'-0"



03 - EAST ELEVATION

Scale: 1/8" = 1'-0"

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www.parvinclauss.com

PROJECT:



SEC Kirk Road & Main Street (Rt. 64)
St. Charles, IL

CUSTOMER APPROVAL:

DATE

AUTHORIZED SIGNATURE

REPRESENTATIVE

House / RM / KZ

DRAWN BY

Bill Marlow

DATE

10.23.19

SCALE

3/4" = 1'

SHEET NO.

10 of 12

WORK ORDER

82989

FILE NAME

PRD82989

REVISIONS:

1	11.04.19
2	5.18.20
3	5.19.20
4	5.26.20
5	6.19.20 - New Elevation
6	
7	
8	

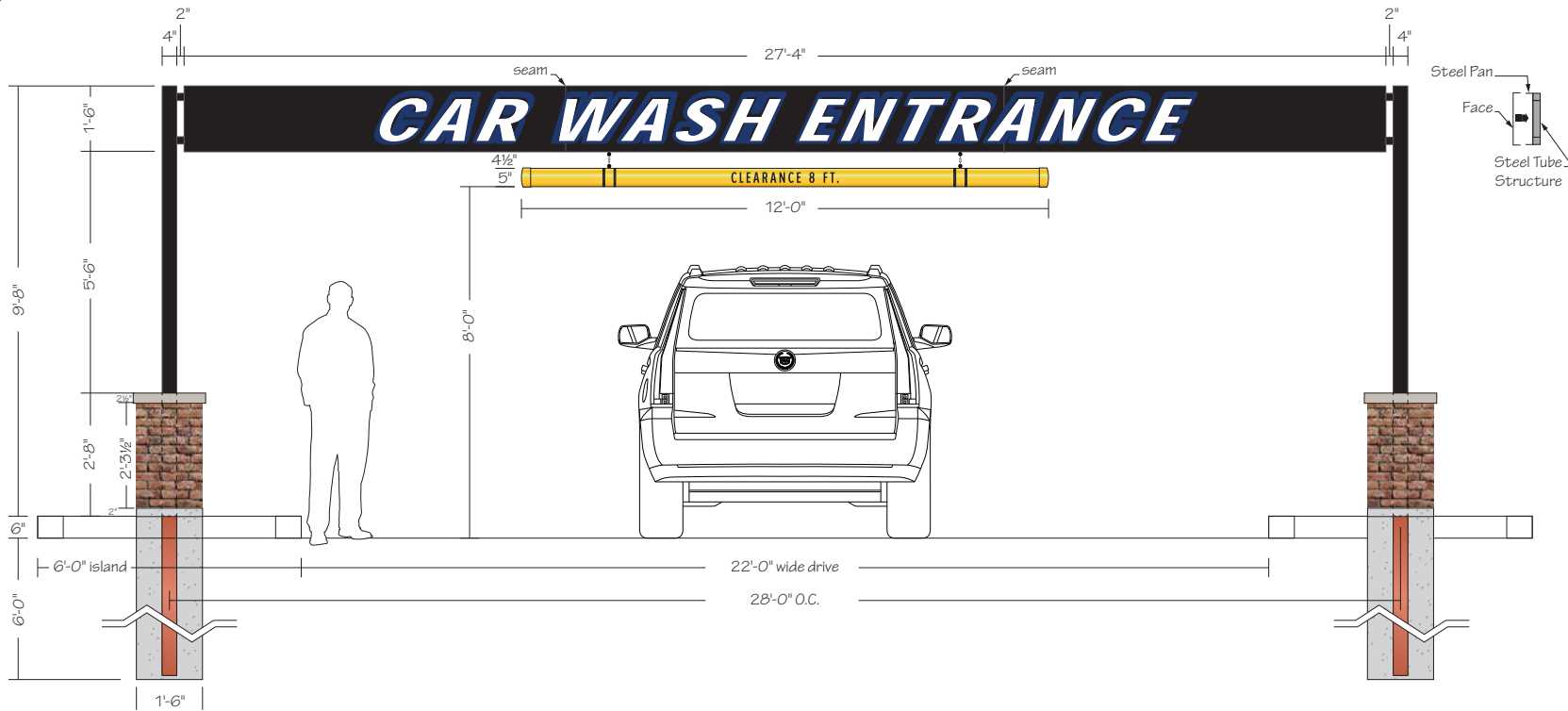
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(1) 1'-6" x 27'-4" x 2" Single Face Non-Illuminated Entrance Gateway

Cabinet: Fabricated Aluminum Painted Black - Suede Satin Finish
 - 2" x 2" Tube Internal Structure

Graphics: 3M 7725-37 Sapphire Blue & 7725-10 White Vinyls

Clearance Bar: 5" PVC Pipe w/ Caps Painted MAP 42248 Sundance Yellow

Clearance Ht. Copy & Stripes: 3M 680-85 Black Reflective Vinyl

Bases: Masonry to Match Building - Redland Bayfrost (038) Brick

- Jumbo (05) Modular: 35/8" W x 2 3/4" H x 75/8" L

Mounting: (2) 4" x 4" Tube Steel set into (2) 1'-6" dia. x 6'-0" deep Concrete Foundations

NOTE: FIELD SURVEY REQUIRED PRIOR TO FABRICATION

PROJECT:



SEC Kirk Road & Main Street (Rt. 64)
 St. Charles, IL

CUSTOMER APPROVAL:

DATE _____

AUTHORIZED SIGNATURE _____

REPRESENTATIVE _____

House / RM / KZ

DRAWN BY _____

Bill Marlow

DATE _____

10.23.19

SCALE _____

3/8" = 1'

SHEET NO. _____

11 of 12

WORK ORDER _____

82989

FILE NAME _____

PRD82989

REVISIONS:

1	11.04.19
2	5.18.20
3	5.19.20
4	5.26.20
5	6.19.20
6	
7	
8	

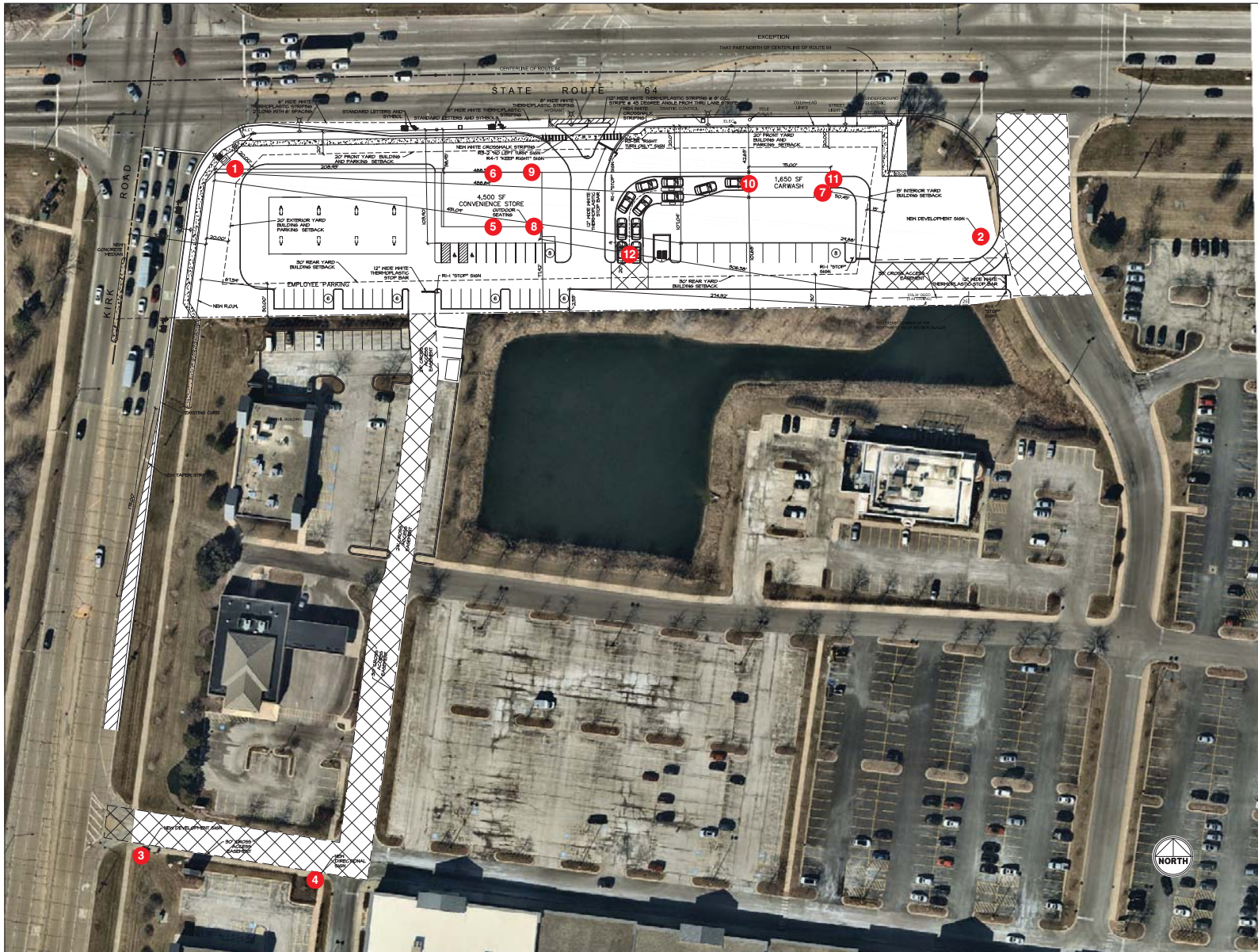
This sign is intended to be installed in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign.



This sign is built to UL Standards for operation in North America.

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Parvin-Clauss SIGN COMPANY

Design • Fabrication • Installation • Maintenance

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PROJECT:



SEC Kirk Road & Main Street (Rt. 64)
St. Charles, IL

CUSTOMER APPROVAL:

DATE

AUTHORIZED SIGNATURE

REPRESENTATIVE

House / RM / KZ

DRAWN BY

Bill Marlow

DATE

10.23.19

SCALE

nts

SHEET NO.

12 of 12

WORK ORDER

82989

FILE NAME

PRD82989

REVISIONS:

1	11.04.19
2	5.18.20
3	5.19.20
4	5.26.20
5	6.19.20
6	
7	
8	

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