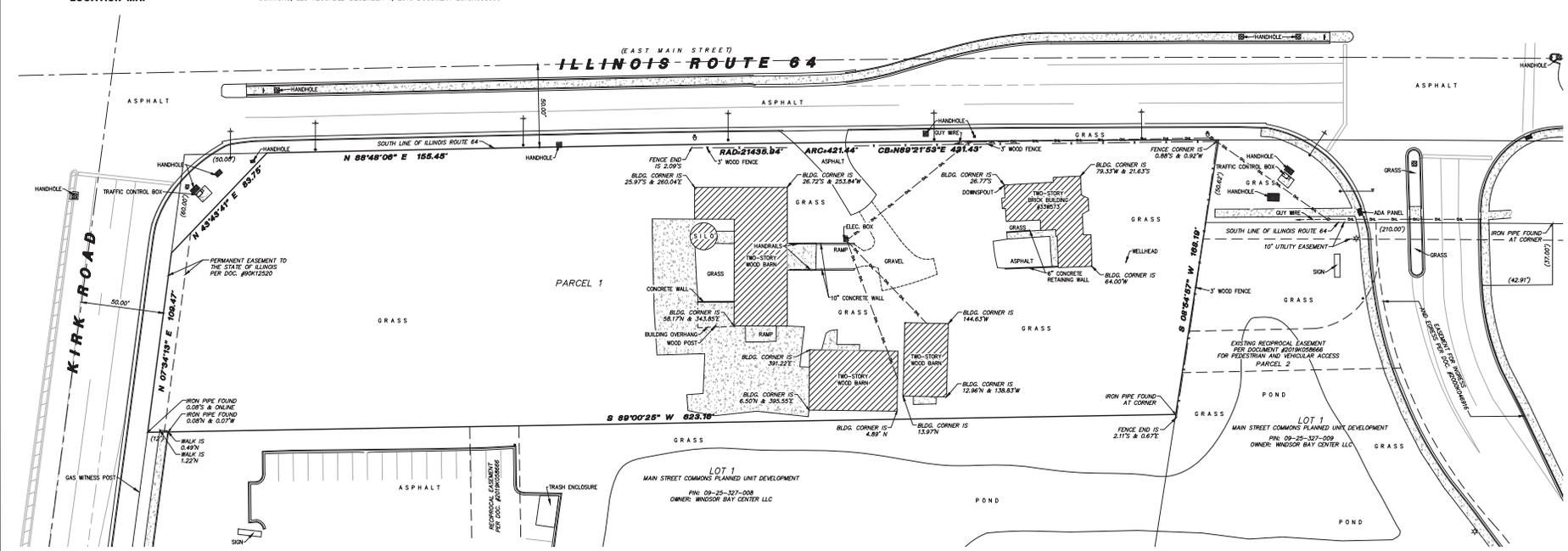




ALTA / NSPS LAND TITLE SURVEY

PARCEL 1: THAT PART OF THE NORTHWEST QUARTER OF SECTION 25, TOWNSHIP 40 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT IN THE SOUTH LINE OF SAID QUARTER SECTION, 3.48 CHAINS WEST OF THE SOUTHEAST CORNER OF THE NORTHWEST QUARTER THEREOF; THENCE NORTH 8 DEGREES EAST 0.84 CHAINS; THENCE NORTH 77 DEGREES WEST 14.23 CHAINS; THENCE SOUTH 8 DEGREES WEST 20.58 CHAINS; THENCE NORTH 89 DEGREES EAST 3.35 CHAINS; THENCE SOUTH 3.66 CHAINS TO THE SOUTH LINE OF THE NORTHWEST QUARTER OF SAID SECTION 25; THENCE EAST ON SAID SOUTH LINE 10.52 CHAINS TO THE POINT OF BEGINNING EXCEPT THAT PART NORTH OF THE CENTER LINE OF ROUTE 64 AND EXCEPT THAT PART WEST OF THE EAST LINE OF KIRK ROAD AND ALSO EXCEPT THAT PART DESCRIBED AS FOLLOWS: BEGINNING AT THE POINT OF INTERSECTION OF THE EASTERN LINE OF KIRK ROAD (COUNTY HIGHWAY NO. 77) AS DESCRIBED IN DOCUMENT 1107922 WITH A LINE DRAIN PARALLEL WITH AND 50.0 FEET SOUTHERLY OF THE CENTER LINE OF ILLINOIS STATE ROUTE NO. 64 (MEASURED AT RIGHT ANGLES THERETO); THENCE ON AN ASSUMED BEARING OF SOUTH 7 DEGREES, 44 MINUTES, 17 SECONDS WEST ALONG SAID EASTERN LINE 80.0 FEET; THENCE NORTH 43 DEGREES, 53 MINUTES, 42 SECONDS EAST 83.76 FEET TO SAID PARALLEL LINE; THENCE NORTH 1 DEGREE, 01 MINUTE, 58 SECONDS WEST 50.0 FEET TO SAID CENTER LINE; THENCE SOUTH 88 DEGREES, 58 MINUTES, 02 SECONDS WEST ALONG SAID CENTER LINE 42.29 FEET TO SAID EASTERN LINE EXTENDED; THENCE SOUTH 7 DEGREES, 44 MINUTES, 17 SECONDS WEST ALONG SAID EASTERN LINE EXTENDED 50.59 FEET TO THE POINT OF BEGINNING; ALSO EXCEPT THAT PART OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER IN SECTION 25, TOWNSHIP 40 NORTH, RANGE 8, EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: BEGINNING AT THE NORTHWEST CORNER OF SAID LOT 5, UNIT 1, THE "ST. CHARLES" ILLINOIS INDUSTRIAL DEVELOPMENT OF THE CENTRAL MANUFACTURING DISTRICT; PROCEED NORTHERLY ON THE NORTHERLY EXTENSION OF THE WEST LINE OF SAID LOT 5, 108.41 FEET, TO A POINT ON THE SOUTHEASTERN RIGHT OF WAY LINE OF NORTH AVENUE (RET. 64); THENCE NORTHEASTERLY ON SAID RIGHT OF WAY LINE WHICH FORMS AN EXTERIOR ANGLE OF 216 DEGREES 09 MINUTES 25 SECONDS WITH THE LAST DESCRIBED LINE, 21.19 FEET TO A POINT ON A LINE 12.50 FEET EASTERLY OF AND PARALLEL WITH THE NORTHERLY EXTENSION OF THE WEST LINE OF SAID LOT 5; THENCE SOUTHERLY ON SAID PARALLEL LINE WHICH FORMS AN INTERIOR ANGLE OF 36 DEGREES 09 MINUTES 25 SECONDS WITH THE LAST DESCRIBED LINE, 124.63 FEET TO A POINT ON THE NORTH LINE OF SAID LOT 5; THENCE WESTERLY ON SAID NORTH LINE, WHICH FORMS AN INTERIOR ANGLE OF 98 DEGREES 33 MINUTE 48 SECONDS WITH THE LAST DESCRIBED LINE, 12.64 FEET, TO THE POINT OF BEGINNING, IN THE TOWNSHIP AND CITY OF ST. CHARLES, KANE COUNTY, ILLINOIS.

PARCEL 2: EASEMENT FOR BENEFIT OF PARCEL 1 FOR INGRESS AND EGRESS CREATED BY RECIPROCAL EASEMENT AGREEMENT BY CIMA DEVELOPERS LIMITED PARTNERSHIP AND MAIN ST. COMMONS, LLC RECORDED DECEMBER 4, 2019 DOCUMENT 2019K058666



- NOTES:
1. SITE BENCHMARK #1 - SET CROSS ON SSE BOLT OF HYDRANT LOCATED IN GRASS APPROXIMATELY 6.8' S OF EAST MAIN STREET AND 76.9' E OF MH #6, AS SHOWN ON SHEET SUR-2. ELEVATION=789.75' (NAVD88)
 2. SITE BENCHMARK #2 - SET CROSS ON CONCRETE SIDEWALK LOCATED APPROXIMATELY 25.3' ESE OF KIRK ROAD AND 22.8' SOW OF ENTRANCE, AS SHOWN ON SHEET SUR-2. ELEVATION=770.03' (NAVD88)
 3. SITE BENCHMARK #3 - SET CROSS IN WALK LOCATED 35 FEET EAST OF POND AND 200 FEET SOUTH OF ROUTE 64 ON WEST SIDE OF DRIVE AS SHOWN ON SHEET SUR-3. ELEVATION=789.72' (NAVD88)
 4. PERMANENT INDEX NUMBER (P.I.N.): #09-25-100-036
 5. THE LOCATION OF UNDERGROUND UTILITIES WAS DETERMINED BY FIELD OBSERVATION AND VISIBLE MARKINGS ONLY.
 6. PROPERTY AREA: 103,407 SQUARE FEET / 2.37 ACRES MORE OR LESS.
 7. FIELD WORK COMPLETED ON 10/23/2019
 8. ACCORDING TO OUR INTERPOLATION OF THE FLOOD INSURANCE RATE MAP THIS SITE FALLS WITHIN PANEL NO. 1709K02270H DATED 8/3/2009, THIS PANEL IS NOT PRINTED.
 9. SURVEY PREPARED FOR: CIMA DEVELOPERS, INC.
 10. THERE WERE NO PARKING SPACES PRESENT AT TIME OF SURVEY.
 11. A ZONING REFERENCE WAS NOT PROVIDED BY CLIENT.
 12. BUILDING TIES & DIMENSIONS SHOWN ARE MEASURED FROM THE OUTSIDE FACE OF THE BUILDING. SEE SHEETS 2 AND 3 FOR DIMENSIONS.
 13. BASIS OF BEARINGS IS TRUE NORTH BASED ON ILLINOIS STATE PLANE COORDINATE SYSTEM, ILLINOIS EAST 1201 ZONE.
 14. ANY DISCREPANCIES FOUND WITHIN THIS DOCUMENT NEED TO BE REPORTED TO THE SURVEYOR AS SOON AS POSSIBLE.

TITLE COMMITMENT NOTES:
SURVEY WAS PREPARED WITH THE AID OF A TITLE COMMITMENT PREPARED BY CHICAGO TITLE INSURANCE COMPANY, COMMITMENT NUMBER 170077000V, DATED DECEMBER 4, 2019.

- SCHEDULE B EXCEPTIONS:
8. DOCUMENT #1288985 RECORDED MAY 22, 1974 MADE BY KANE COUNTY BOARD OF SUPERVISORS ESTABLISHING KIRK ROAD AS A FREEWAY AND LIMITING ACCESS THERETO, NOT PLOTTABLE.
 9. PERMANENT EASEMENT TO STATE OF ILLINOIS AS CREATED BY THE AGREEMENT RECORDED MARCH 12 1990 DOCUMENT 90K12520 IS SHOWN.
 10. ROAD DEDICATIONS RECORDED MAY 15 1929 AS DOCUMENT 326665 AND RECORDED FEBRUARY 5 1934 DOCUMENT 232271 FOR ILLINOIS ROUTE 64 - MAIN STREET AFFECTS PORTIONS OF LAND LYING IN STATE ROUTE 64 ALSO KNOWN AS MAIN STREET AS SHOWN ON SURVEY DATED MAY 19, 2017 BY ALAN J. COULSON PC NO. C59, 283 ALT. DOCUMENTS NOT PROVIDED AND ARE NOT SHOWN.
 11. RIGHTS OF THE PUBLIC, THE STATE OF ILLINOIS AND THE MUNICIPALITY IN AND TO THAT PART OF THE LAND, IF ANY, TAKEN OR USED FOR ROAD PURPOSES, AFFECTS PORTIONS OF LAND LYING IN STATE ROUTE 64 ALSO KNOWN AS MAIN STREET OR KIRK ROAD AS SHOWN ON SURVEY DATED MAY 19, 2017 BY ALAN J. COULSON PC NO. C59, 283 ALT. DOCUMENTS NOT PROVIDED AND ARE NOT SHOWN.
 13. GRANT FOR PUBLIC UTILITIES TO ILLINOIS BELL TELEPHONE COMPANY RECORDED OCTOBER 17 1961 DOCUMENT 961440 AFFECTS PART IN AND ADJOINING ROADS AND STREETS, NOT PLOTTABLE.
 14. PROVISIONS CONTAINED IN THE CITY OF ST. CHARLES ORDINANCE AS TO ZONING AND SPECIAL USE RECORDED MARCH 24 2000 DOCUMENT 2000K021372 WHICH CONTAINS CERTAIN PROVISIONS AS TO FUTURE ACCESS EASEMENTS TO THE LAND ACROSS ADJOINING LAND AND CERTAIN POSSIBLE FUTURE RESTRICTIONS ON THE LAND, NOT PLOTTABLE.
 15. UTILITY POLES AND WIRES AND UNDERGROUND ELECTRIC AND TRAFFIC CONTROL VAULTS AND CABINETS ON AND OVER THE LAND AS SHOWN ON SURVEY DATED MAY 19, 2017 BY ALAN J. COULSON PC NO. C59, 283 ALT. DOCUMENT NOT PROVIDED AND IS NOT SHOWN.
 16. TERMS AND PROVISIONS OF THE RECIPROCAL EASEMENT AGREEMENT BY CIMA DEVELOPERS LIMITED PARTNERSHIP AND MAIN ST. COMMONS, LLC RECORDED DECEMBER 4, 2019 DOCUMENT 2019K2019K058666 IS SHOWN.
 17. TERMS AND PROVISIONS OF THE PLAT OF SUBDIVISION DOCUMENT 2000K048916, OF THE EASEMENT AGREEMENT 2000K058745, OF THE RECIPROCAL EASEMENT AND AGREEMENT DOCUMENT 2000K0081839 AND OF THE RECIPROCAL EASEMENT AGREEMENT DOCUMENT 2000K001839, EFFECTS PARCEL 2 AND IS NOT SHOWN.

LEGEND	
---	PROPERTY LINE
---	CENTER LINE
---	EASEMENT LINE
---	BUILDING MANHOLE
---	EXISTING DATA
---	RECORD DATA
---	CONCRETE
---	CHIMNEY/PROVISION
---	SPRINKLER LINE
---	WATER WELL
---	GAS VALVE
---	UTILITY MARKING (Color/Size)
---	UTILITY MARKING (Color/Size)
---	ELECTRIC METER
---	RECREATION (Color/Size)
---	NO. 8
---	NO. 10
---	NO. 12
---	NO. 14
---	NO. 16
---	NO. 18
---	NO. 20
---	NO. 22
---	NO. 24
---	NO. 26
---	NO. 28
---	NO. 30
---	NO. 32
---	NO. 34
---	NO. 36
---	NO. 38
---	NO. 40
---	NO. 42
---	NO. 44
---	NO. 46
---	NO. 48
---	NO. 50
---	NO. 52
---	NO. 54
---	NO. 56
---	NO. 58
---	NO. 60
---	NO. 62
---	NO. 64
---	NO. 66
---	NO. 68
---	NO. 70
---	NO. 72
---	NO. 74
---	NO. 76
---	NO. 78
---	NO. 80
---	NO. 82
---	NO. 84
---	NO. 86
---	NO. 88
---	NO. 90
---	NO. 92
---	NO. 94
---	NO. 96
---	NO. 98
---	NO. 100

WT GROUP
EXPERIENCED IN THE FIELDS OF SURVEYING, ENGINEERING, ARCHITECTURE AND DESIGN.
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WT Group
Engineering, Design, Construction

CIMA PRIDE OF SAINT CHARLES
330573 / EAST MAIN STREET
SAINT CHARLES, ILLINOIS

ISSUE

TO	DATE
CLIENT	3/12/19
CLIENT	10/28/19
CLIENT	12/26/19
CLIENT	02/11/20

STATE OF ILLINOIS)
COUNTY OF COOK) SS
TO: XXXXXX
XXXXXX
XXXXXX

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD FIELD REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2.3, 4.6a, 7a, 8.9, AND 11 OF TABLE "A" THEREOF. THE FIELD WORK WAS COMPLETED ON 10/24/19.

GIVEN UNDER MY HAND AND SEAL THIS ____ DAY OF _____ A.D. _____ AT HOFFMAN ESTATES, ILLINOIS.

PRELIMINARY 02/11/20
FRANJO L MATIJC - PLS #035-003556 EXPIRES 11/30/2020
ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184.007570-0015

CHECK/FIRM
DRAWN: BMB
JOB: 1910830C

SUR-1
SHEET 1 OF 3
ALTA/NSPS
LAND TITLE SURVEY

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

DRAWING INDEX		
SHEET	DESCRIPTION	DATE
T-1.0	TITLE SHEET	02-19-20
C-1.0	SITE DEMOLITION PLAN	02-19-20
C-2.0	SITE GEOMETRIC PLAN	02-19-20
C-3.0	SITE DEVELOPMENT PLAN	02-19-20
C-3.1 - C-3.3	SITE DEVELOPMENT DETAILS	02-19-20
C-4.0	SITE GRADING PLAN	02-19-20
C-5.0	SITE UTILITY PLAN	02-19-20
C-5.1 - C-5.3	SITE UTILITY DETAILS	02-19-20
C-6.0	STORMWATER POLLUTION PREVENTION PLAN	02-19-20
C-6.1	STORMWATER POLLUTION PREVENTION DETAILS	02-19-20
C-7.0 - C-7.1	PROJECT SPECIFICATIONS	02-19-20

SURVEY DRAWING INDEX		
SHEET	DESCRIPTION	DATE
SUR-1 - SUR-3	TOPOGRAPHIC SURVEY (PREPARED BY THE W-T GROUP)	02-11-20

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'
SECTION 25
TOWNSHIP 40N
RANGE 8E

MAP DATA ©2019 6006LE

CIVIL ENGINEERING STATEMENT AND SEAL

I, TODD ABRAMS, P.E. DULY LICENSED IN THE STATE OF ILLINOIS BY THE DEPARTMENT OF FINANCIAL 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: 2-18-20

TODD ABRAMS - ILLINOIS P.E. # 0621-064600
DATE OF EXPIRATION - NOVEMBER 30, 2021

NOTE: SIGNED AND SEALED FOR SHEETS T-1.0 THROUGH C-7.1



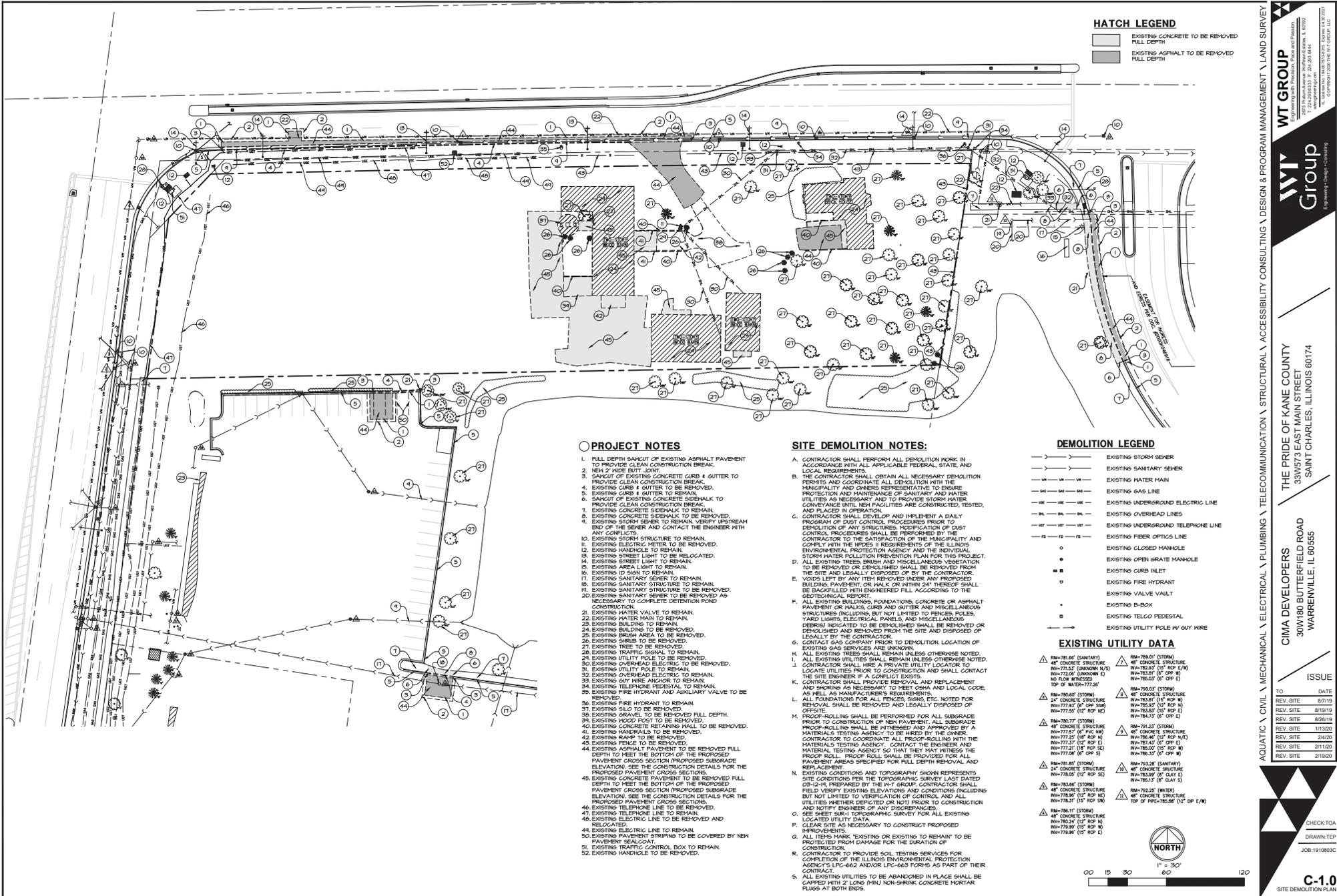
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YOUR DIG

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

TO	DATE
REV. SITE	8/7/19
REV. SITE	8/18/19
REV. SITE	8/26/19
REV. SITE	11/3/20
REV. SITE	2/8/20
REV. SITE	2/11/20
REV. SITE	2/19/20

CHECKED: TGA
 DRAWN: TEP
 JOB: 1910803C



HATCH LEGEND

[Hatched Box]	EXISTING CONCRETE TO BE REMOVED FULL DEPTH
[Hatched Box]	EXISTING ASPHALT TO BE REMOVED FULL DEPTH

PROJECT NOTES

- FULL DEPTH SAWCUT OF EXISTING ASPHALT PAVEMENT TO PROVIDE CLEAN CONSTRUCTION BREAK.
- NEW 2" WIDE BUTT JOINT.
- SAWCUT OF EXISTING CONCRETE CURB & GUTTER TO PROVIDE CLEAN CONSTRUCTION BREAK.
- EXISTING CURB & GUTTER TO BE REMOVED.
- SAWCUT OF EXISTING CONCRETE SIDEWALK TO PROVIDE CLEAN CONSTRUCTION BREAK.
- EXISTING CONCRETE SIDEWALK TO REMAIN.
- EXISTING CONCRETE SIDEWALK TO BE REMOVED.
- EXISTING STORM SEWER TO REMAIN. VERIFY UPSTREAM END OF THE SEWER AND CONTACT THE ENGINEER WITH ANY CONFLICTS.
- EXISTING STORM STRUCTURE TO REMAIN.
- EXISTING ELECTRIC METER TO BE REMOVED.
- EXISTING HANDHOLE TO REMAIN.
- EXISTING STREET LIGHT TO BE RELOCATED.
- EXISTING AREA LIGHT TO REMAIN.
- EXISTING ID SIGN TO REMAIN.
- EXISTING SANITARY STRUCTURE TO REMAIN.
- EXISTING SANITARY SEWER TO BE REMOVED.
- EXISTING SANITARY SEWER TO BE REMOVED AS NECESSARY TO COMPLETE DETENTION POND CONSTRUCTION.
- EXISTING WATER VALVE TO REMAIN.
- EXISTING WATER MAIN TO REMAIN.
- EXISTING BUILDING TO REMAIN.
- EXISTING BRUSH AREA TO BE REMOVED.
- EXISTING BRUSH AREA TO BE REMOVED.
- EXISTING TREE TO BE REMOVED.
- EXISTING TRAFFIC SIGNAL TO REMAIN.
- EXISTING UTILITY POLE TO BE REMOVED.
- EXISTING OVERHEAD ELECTRIC TO BE REMOVED.
- EXISTING UTILITY POLE TO REMAIN.
- EXISTING OVERHEAD ELECTRIC TO REMAIN.
- EXISTING GUY WIRE ANCHOR TO REMAIN.
- EXISTING TELEPHONE FEEDSTAKE TO REMAIN.
- EXISTING FIRE HYDRANT AND AUXILIARY VALVE TO BE REMOVED.
- EXISTING FIRE HYDRANT TO REMAIN.
- EXISTING SILD TO BE REMOVED.
- EXISTING GRAVEL TO BE REMOVED FULL DEPTH.
- EXISTING WOOD POST TO BE REMOVED.
- EXISTING SANITARY REMAINING WALL TO BE REMOVED.
- EXISTING HANDRAILS TO BE REMOVED.
- EXISTING FENCE TO BE REMOVED.
- 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.
- EXISTING CONCRETE 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.
- EXISTING TELEPHONE LINE TO BE REMOVED.
- EXISTING TELEPHONE LINE TO REMAIN.
- EXISTING ELECTRIC LINE TO BE REMOVED AND RELOCATED.
- EXISTING ELECTRIC LINE TO REMAIN.
- EXISTING PAVEMENT STRIPINGS TO BE COVERED BY NEW PAVEMENT SEALCOAT FOR THE DURATION OF CONSTRUCTION.
- EXISTING TRAFFIC CONTROL BOX TO REMAIN.
- EXISTING HANDHOLE TO BE REMOVED.

SITE DEMOLITION NOTES:

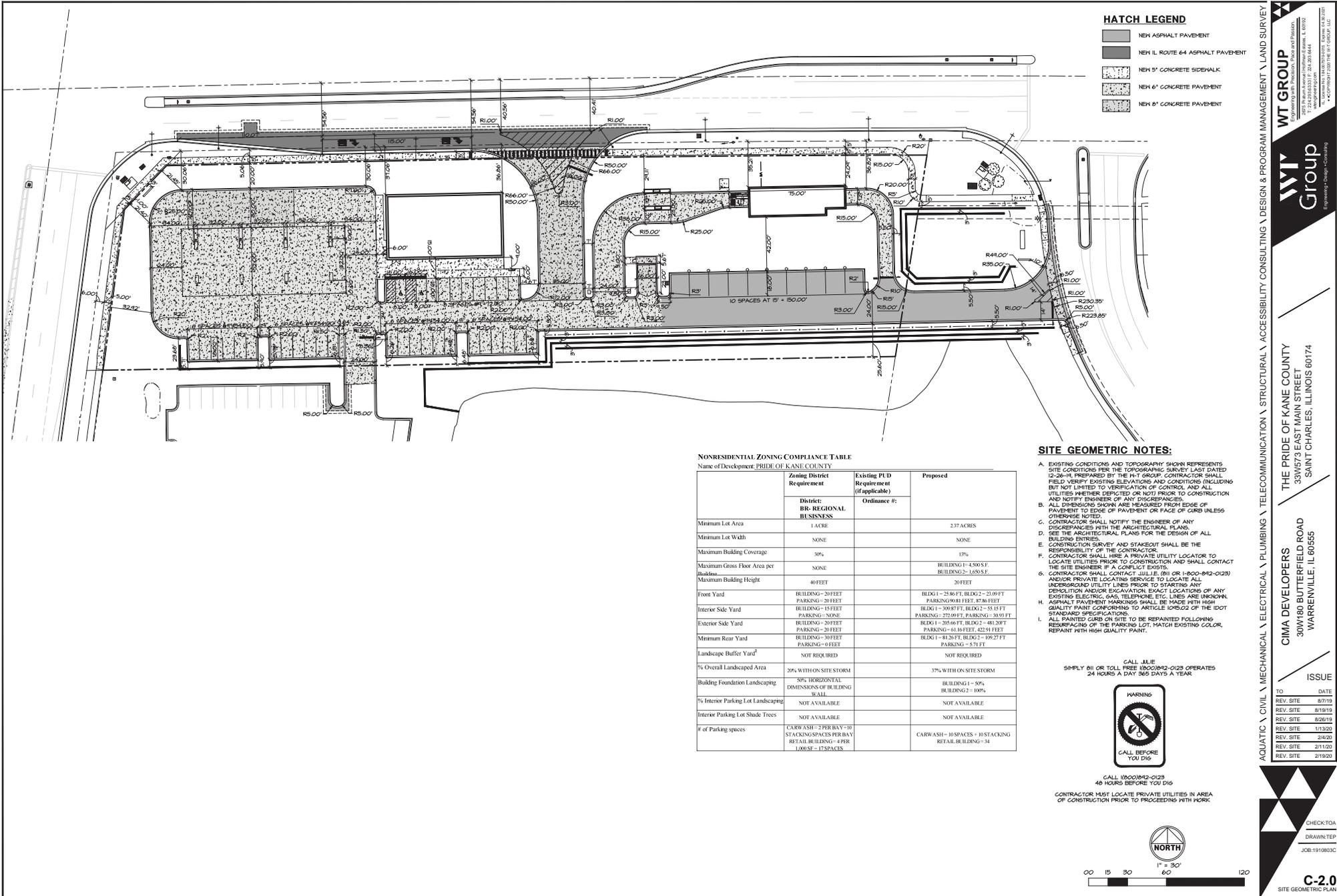
- CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY DEMOLITION PERMITS AND COORDINATE ALL DEMOLITION WITH THE MUNICIPALITY AND OWNERS REPRESENTATIVE TO ENSURE PROTECTION AND MAINTENANCE OF SANITARY AND WATER UTILITIES AS NECESSARY AND TO PROVIDE STORM WATER CONVEYANCE UNTIL NEW FACILITIES ARE CONSTRUCTED, TESTED, AND PLACED IN OPERATION.
- 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 ENVIRONMENTAL PROTECTION AGENCY AND THE INDIVIDUAL STORM WATER POLLUTION PREVENTION PLAN FOR THIS PROJECT.
- 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.
- 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.
- 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.
- CONTACT GUY COMPANY PRIOR TO DEMOLITION LOCATION OF EXISTING GAS SERVICES ARE UNKNOWN.
- ALL EXISTING TREES SHALL REMAIN UNLESS OTHERWISE NOTED.
- ALL EXISTING UTILITIES SHALL REMAIN UNLESS OTHERWISE NOTED.
- 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 OBTAIN ALL NECESSARY PERMITS AND REPLACEMENT AND SHORING AS NECESSARY TO MEET OSHA AND LOCAL CODE.
- ALL FOUNDATIONS FOR ALL FENCES, SIGNS, ETC. NOTED FOR REMOVAL SHALL BE REMOVED AND LEGALLY DISPOSED OF OFFSITE.
- 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.
- EXISTING CONDITIONS AND TOPOGRAPHY SHOWN REPRESENTS SITE CONDITIONS AND TOPOGRAPHY 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.
- SEE SHEET SUR-1 TOPOGRAPHIC SURVEY FOR ALL EXISTING LOCATED UTILITY LOCATIONS.
- CLEAR SITE AS NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.
- ALL ITEMS MARK "EXISTING OR EXISTING TO REMAIN" TO BE PROTECTED FROM DAMAGE FOR THE DURATION OF CONSTRUCTION.
- 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.
- ALL EXISTING UTILITIES TO BE ABANDONED IN PLACE SHALL BE CAPPED WITH 2" LONG MIN. NON-SINKING CONCRETE PORTLAND PLUGS AT BOTH ENDS.

DEMOLITION LEGEND

- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- GAS LINE
- UNDERGROUND ELECTRIC LINE
- OVERHEAD LINES
- UNDERGROUND TELEPHONE LINE
- FIBER OPTIC LINE
- EXISTING CLOSED MANHOLE
- EXISTING OPEN GRADE MANHOLE
- EXISTING CURB INLET
- EXISTING FIRE HYDRANT
- EXISTING VALVE VAULT
- EXISTING B-BOX
- EXISTING TELCO FEEDSTAKE
- EXISTING UTILITY POLE W/ GUY WIRE

EXISTING UTILITY DATA

△ RW-78160 (SANITARY) 48" CONCRETE STRUCTURE RW-77157 (UNKNOWN N/S) RW-77156 (15' ROP N) NO FLOW WITNESSED TOP OF MANHOLE 777.26'	△ RW-78167 (STORM) 48" CONCRETE STRUCTURE RW-78181 (15' ROP W) RW-78182 (15' ROP N) RW-78183 (15' ROP E) RW-78184 (15' ROP S) TOP OF MANHOLE 777.26'	△ RW-78164 (STORM) 48" CONCRETE STRUCTURE RW-77157 (15' ROP W) RW-77157 (15' ROP E) RW-77157 (15' ROP S) RW-77157 (15' ROP N) RW-77156 (15' ROP S)	△ RW-78165 (STORM) 48" CONCRETE STRUCTURE RW-77157 (15' ROP W) RW-77157 (15' ROP E) RW-77157 (15' ROP S) RW-77157 (15' ROP N) RW-77156 (15' ROP S)	△ RW-78166 (STORM) 48" CONCRETE STRUCTURE RW-77157 (15' ROP W) RW-77157 (15' ROP E) RW-77157 (15' ROP S) RW-77157 (15' ROP N) RW-77156 (15' ROP S)	△ RW-78168 (SANITARY) 48" CONCRETE STRUCTURE RW-78199 (15' CLAY S) RW-78197 (15' CLAY S)	△ RW-78169 (STORM) 48" CONCRETE STRUCTURE RW-78197 (15' ROP W) RW-78198 (15' ROP N) RW-78199 (15' ROP E) RW-78196 (15' ROP S)	△ RW-78171 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78172 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78173 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78174 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78175 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78176 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78177 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78178 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78179 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78180 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78181 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78182 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78183 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78184 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78185 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78186 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78187 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78188 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78189 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78190 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78191 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78192 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78193 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78194 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78195 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78196 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78197 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78198 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78199 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78200 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78201 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78202 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78203 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78204 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78205 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78206 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78207 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78208 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78209 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78210 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78211 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78212 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78213 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78214 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78215 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78216 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78217 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78218 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78219 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78220 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78221 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78222 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78223 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78224 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78225 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78226 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78227 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78228 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78229 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78230 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78231 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78232 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78233 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78234 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78235 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78236 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78237 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78238 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78239 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78240 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78241 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78242 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78243 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78244 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78245 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78246 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78247 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78248 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78249 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78250 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78251 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78252 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78253 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78254 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78255 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78256 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78257 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78258 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78259 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78260 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78261 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78262 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78263 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' ROP E) RW-78197 (15' ROP S)	△ RW-78264 (STORM) 48" CONCRETE STRUCTURE RW-78194 (15' ROP W) RW-78195 (15' ROP N) RW-78196 (15' R
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HATCH LEGEND

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

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	NONE	2.37 ACRES
Minimum Lot Width	NONE	NONE	NONE
Maximum Building Coverage	50%	NONE	13%
Maximum Gross Floor Area per Building	NONE	NONE	BUILDING 1 - 4,500 S.F. BUILDING 2 - 1,650 S.F.
Maximum Building Height	40 FEET	NONE	20 FEET
Front Yard	BUILDING - 20 FEET PARKING - 20 FEET	NONE	BLDG 1 - 25.86 FT, BLDG 2 - 23.09 FT PARKING 90.81 FEET, 37.86 FEET
Interior Side Yard	BUILDING - 15 FEET PARKING - NONE	NONE	BLDG 1 - 39.03 FT, BLDG 2 - 55.15 FT PARKING - 272.09 FT, PARKING - 30.95 FT
Exterior Side Yard	BUILDING - 20 FEET PARKING - 20 FEET	NONE	BLDG 1 - 205.66 FT, BLDG 2 - 481.28 FT PARKING - 61.96 FEET, 42.93 FEET
Minimum Rear Yard	BUILDING - 30 FEET PARKING - 0 FEET	NONE	BLDG 1 - 81.28 FT, BLDG 2 - 109.27 FT PARKING - 5.71 FT
Landscape Buffer Yard ^a	NOT REQUIRED	NONE	NOT REQUIRED
% Overall Landscaped Area	20% WITH ON SITE STORM	NONE	13% WITH ON SITE STORM
Building Foundation Landscaping	50% HORIZONTAL DIMENSIONS OF BUILDING	NONE	BUILDING 1 - 50% BUILDING 2 - 100%
% Interior Parking Lot Landscaping	NOT AVAILABLE	NONE	NOT AVAILABLE
Interior Parking Lot Shade Trees	NOT AVAILABLE	NONE	NOT AVAILABLE
# of Parking spaces	CARWASH = 2 PER BAY * 10 STACKING SPACES PER BAY RETAIL BUILDING = 4 PER 1,000 SF = 17 SPACES	NONE	CARWASH = 10 SPACES + 10 STACKING RETAIL BUILDING = 34

SITE GEOMETRIC NOTES:

- A. EXISTING CONDITIONS AND TOPOGRAPHY SHOWN REPRESENTS SITE CONDITIONS PER THE TOPOGRAPHIC SURVEY LAST DATED 12-26-14, 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).
- B. ALL DIMENSIONS SHOWN ARE MEASURED FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT OR FACE OF CURB UNLESS OTHERWISE NOTED.
- C. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES WITH THE ARCHITECTURAL PLANS OF ALL BUILDING ENTRIES.
- D. SEE THE ARCHITECTURAL PLANS FOR THE DESIGN OF ALL BUILDING ENTRIES.
- E. CONSTRUCTION SURVEY AND STAKEOUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- F. CONTRACTOR SHALL HIRE A PRIVATE UTILITY LOCATOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND SHALL CONTACT THE SITE ENGINEER IF A CONFLICT EXISTS.
- G. 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.
- H. ASPHALT PAVEMENT MARKINGS SHALL BE MADE WITH HIGH QUALITY PAINT CONFORMING TO ARTICLE 106.02 OF THE DOT STANDARD SPECIFICATIONS.
- I. ALL PAINTED CURB ON SITE TO BE REPAINTED FOLLOWING RESURFACING OF THE PARKING LOT. MATCH EXISTING COLOR, REPAINT WITH HIGH QUALITY PAINT.

CALL JULIE
811 OR TOLL FREE (800)842-0123 OPERATES
24 HOURS A DAY 365 DAYS A YEAR



CALL (800)842-0123
48 HOURS BEFORE YOU DIG

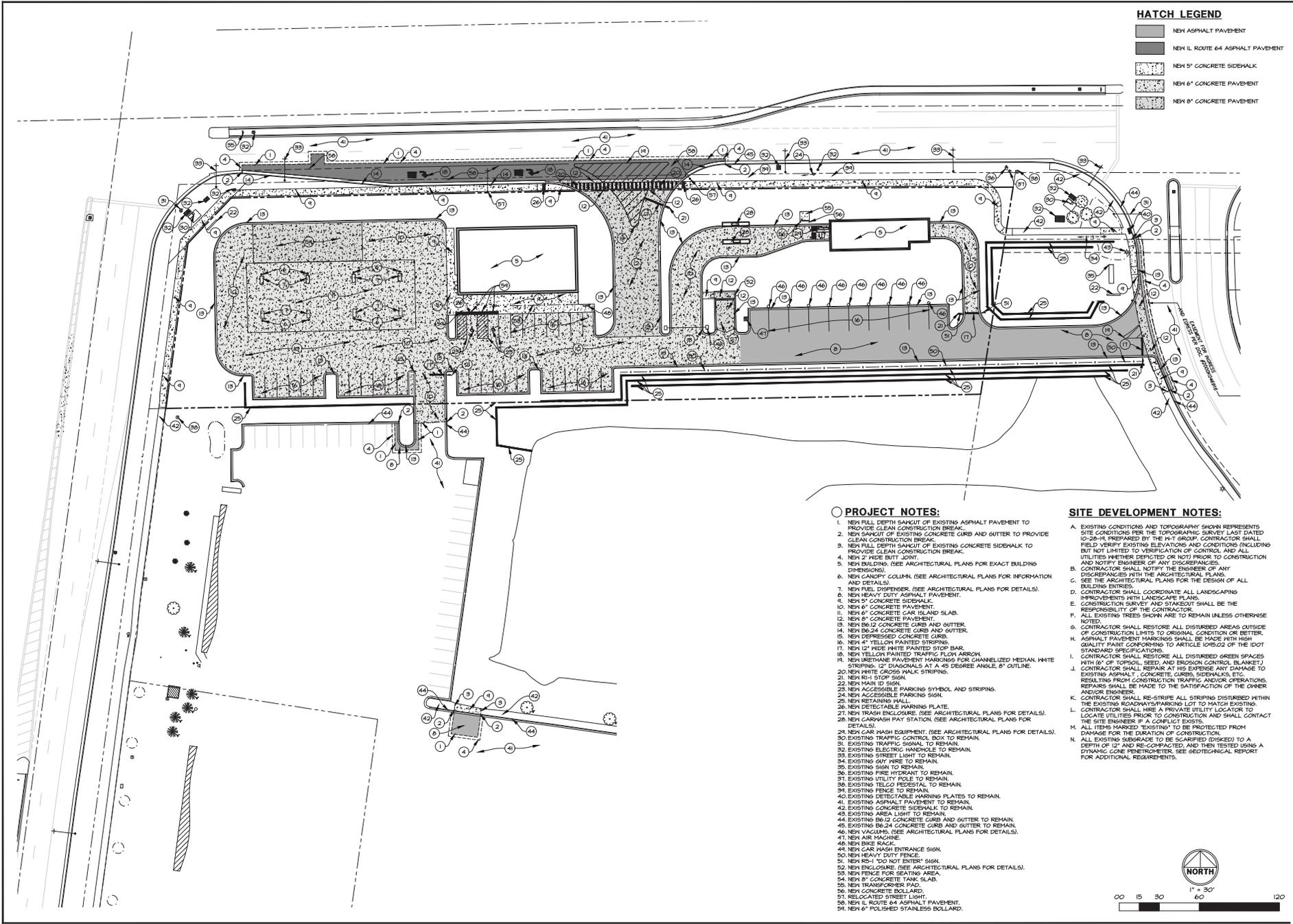
CONTRACTOR MUST LOCATE PRIVATE UTILITIES IN AREA OF CONSTRUCTION PRIOR TO PROCEEDING WITH WORK.



0 15 30 60 90 120
1" = 30'

ISSUE

TO	DATE
REV. SITE	8/7/19
REV. SITE	8/18/19
REV. SITE	8/26/19
REV. SITE	11/13/20
REV. SITE	2/6/20
REV. SITE	2/11/20
REV. SITE	2/19/20



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 FILL DEPTH SAWCUT OF EXISTING ASPHALT PAVEMENT TO PROVIDE CLEAN CONSTRUCTION BREAK.
2. NEW SAWCUT OF EXISTING CONCRETE CURB AND GUTTER TO PROVIDE CLEAN CONSTRUCTION BREAK.
3. NEW FILL DEPTH SAWCUT 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 HEAVY DUTY ASPHALT PAVEMENT.
9. NEW 5' CONCRETE SIDEWALK.
10. NEW 6' CONCRETE PAVEMENT.
11. NEW 6' CONCRETE CAR ISLAND SLAB.
12. NEW 8' CONCRETE PAVEMENT.
13. NEW 8" 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 4" YELLOW PAINTED TRAFFIC FLOW ARROW.
19. NEW URETHANE PAVEMENT MARKINGS FOR CHANNELLED MEDIAN WHITE STRIPING. 12" DIAGONALS AT A 45 DEGREE ANGLE. 6" OUTLINE.
20. NEW WHITE CROSS WALK STRIPING.
21. NEW RUSH STOP SIGN.
22. NEW MAIN ID 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 CONTROL BOX TO REMAIN.
31. EXISTING TRAFFIC SIGNAL TO REMAIN.
32. EXISTING ELECTRIC HANDHOLE TO REMAIN.
33. EXISTING STREET LIGHT TO REMAIN.
34. EXISTING 600 PIRE TO REMAIN.
35. EXISTING SIGN TO REMAIN.
36. EXISTING FIRE HYDRANT TO REMAIN.
37. EXISTING UTILITY ROD TO REMAIN.
38. EXISTING TELCO PEDestal TO REMAIN.
39. EXISTING FENCE TO REMAIN.
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 B6.12 CONCRETE CURB AND GUTTER TO REMAIN.
45. EXISTING B6.24 CONCRETE CURB AND GUTTER TO REMAIN.
46. NEW VAGUERS. (SEE ARCHITECTURAL PLANS FOR DETAILS).
47. NEW AIR MACHINE.
48. NEW BONE RACK.
49. NEW CAR WASH ENTRANCE SIGN.
50. NEW HEAVY DUTY FENCE.
51. NEW KSI-1 "DO NOT ENTER" SIGN.
52. NEW ENCLOSURE. (SEE ARCHITECTURAL PLANS FOR DETAILS).
53. NEW FENCE FOR SEATING 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.

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 SURVEY AND SAWCUT SHALL BE 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. CONTRACTOR SHALL HIRE A PRIVATE UTILITY LOCATOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND SHALL CONTACT THE SITE ENGINEER IF A CONFLICT EXISTS.
- L. ALL ITEMS MARKED "EXISTING" TO BE PROTECTED FROM DAMAGE FOR THE DURATION OF CONSTRUCTION.
- M. 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 REQUIREMENTS.

WT GROUP
 333 W. MAIN STREET, SUITE 200
 ST. LOUIS, MO 63102
 TEL: 314.433.3333 FAX: 314.433.3334
 WWW.WTGROUP.COM
 *CORPORATE FIDELITY BOND BY HY GROUP, LLC

WT Group
 Engineering Design Consulting

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

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

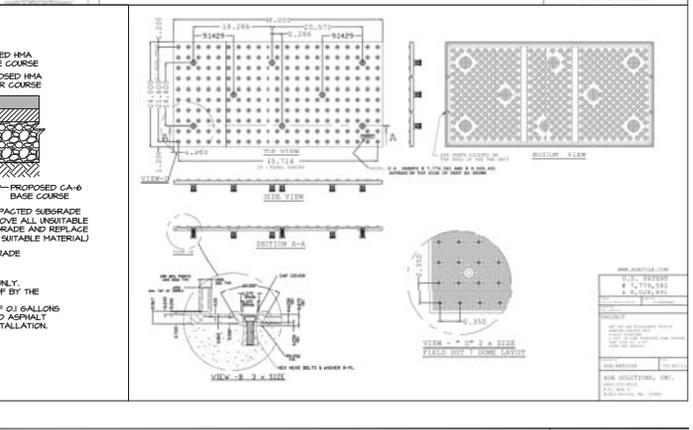
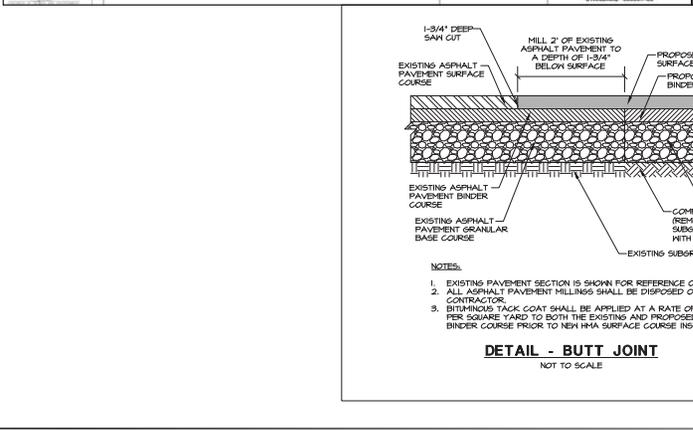
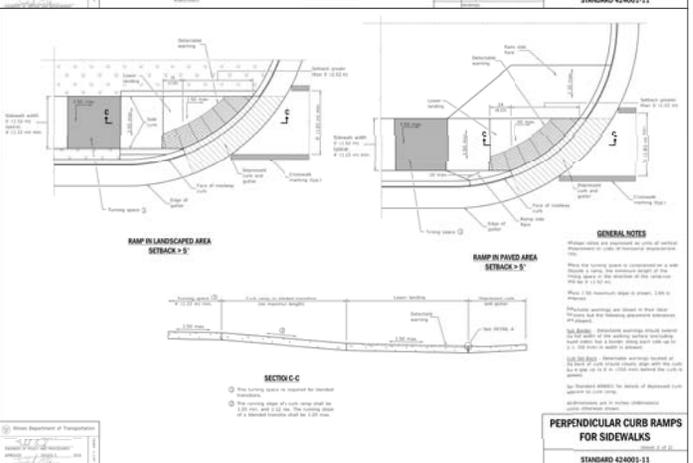
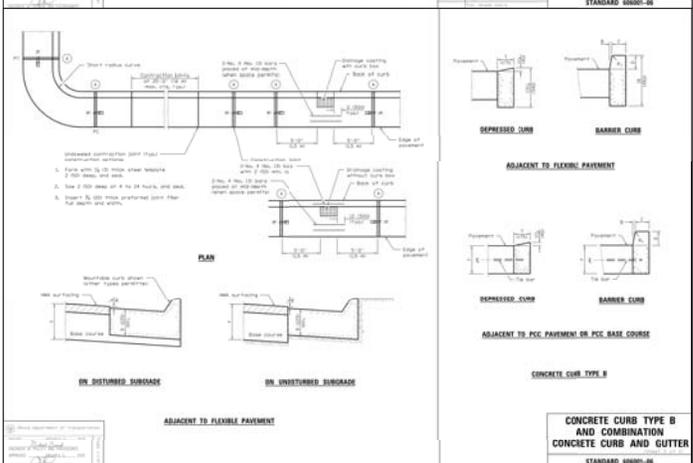
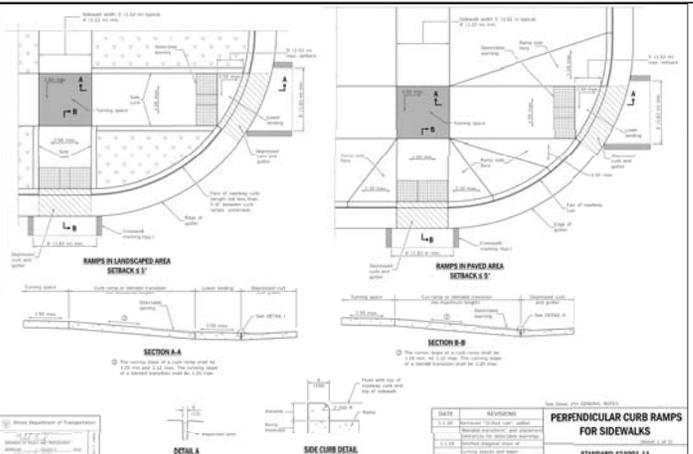
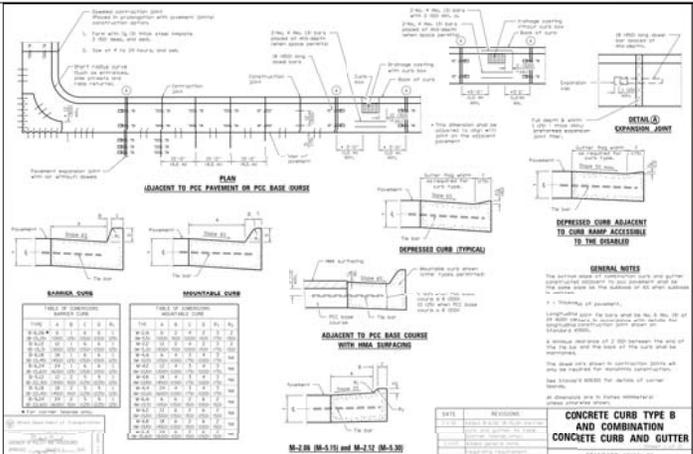
CIMA DEVELOPERS
 30W180 BUTTERFIELD ROAD
 WARRENVILLE, IL 60555

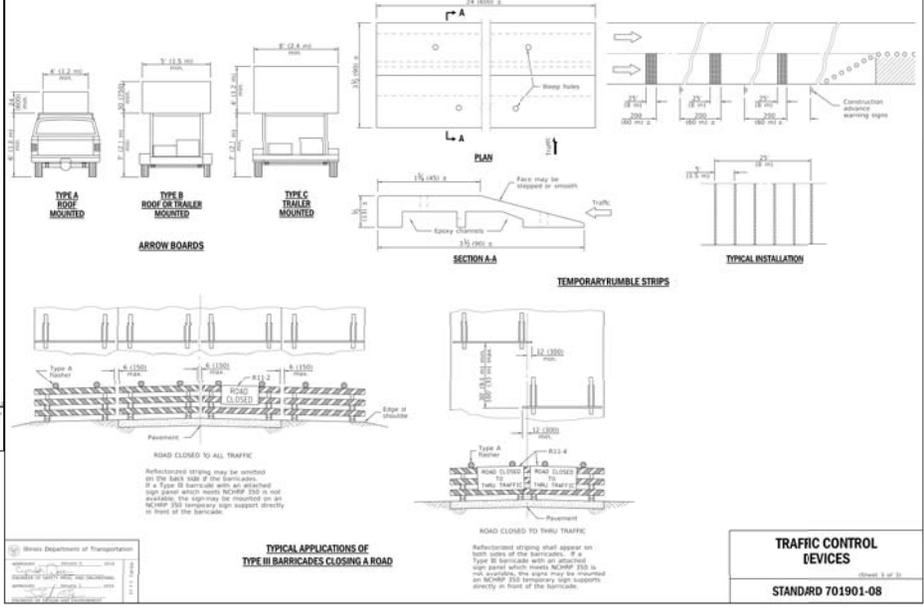
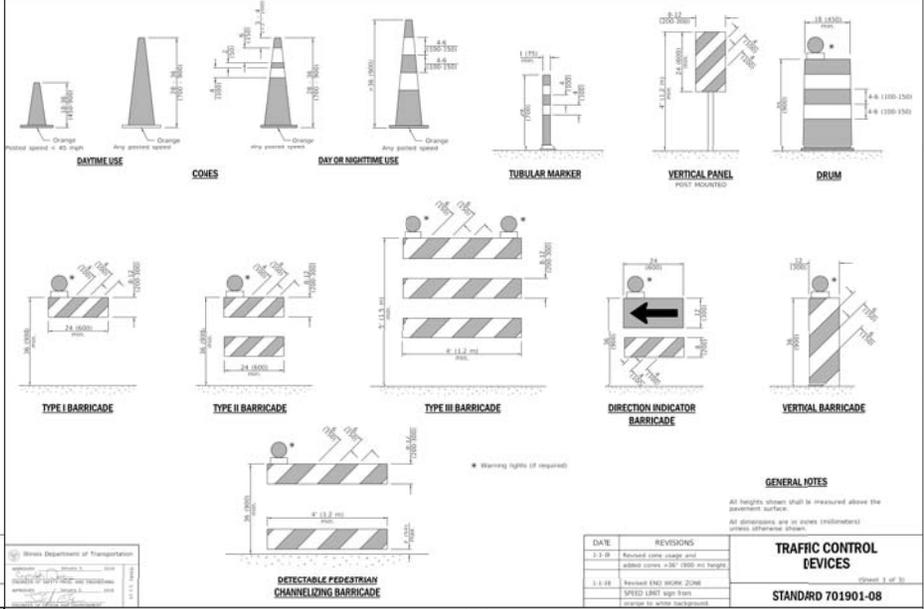
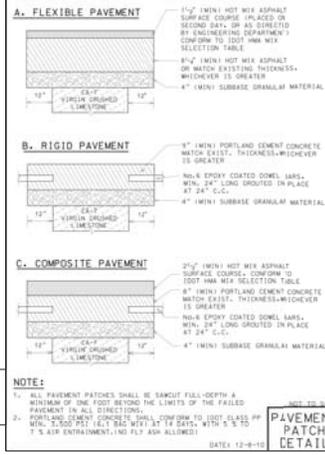
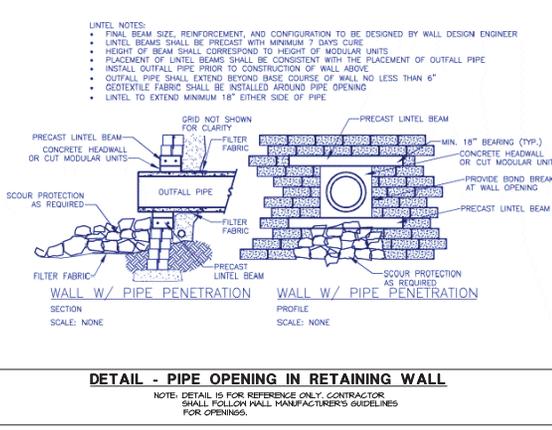
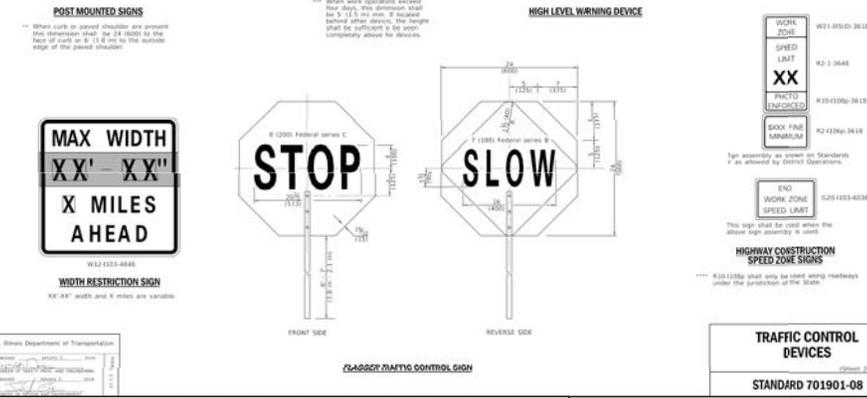
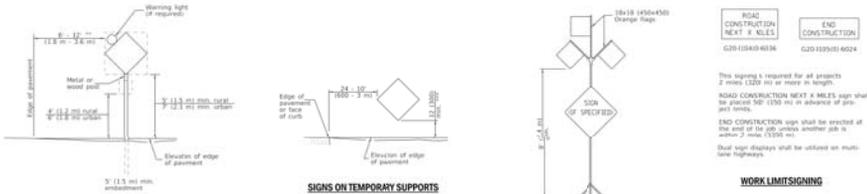
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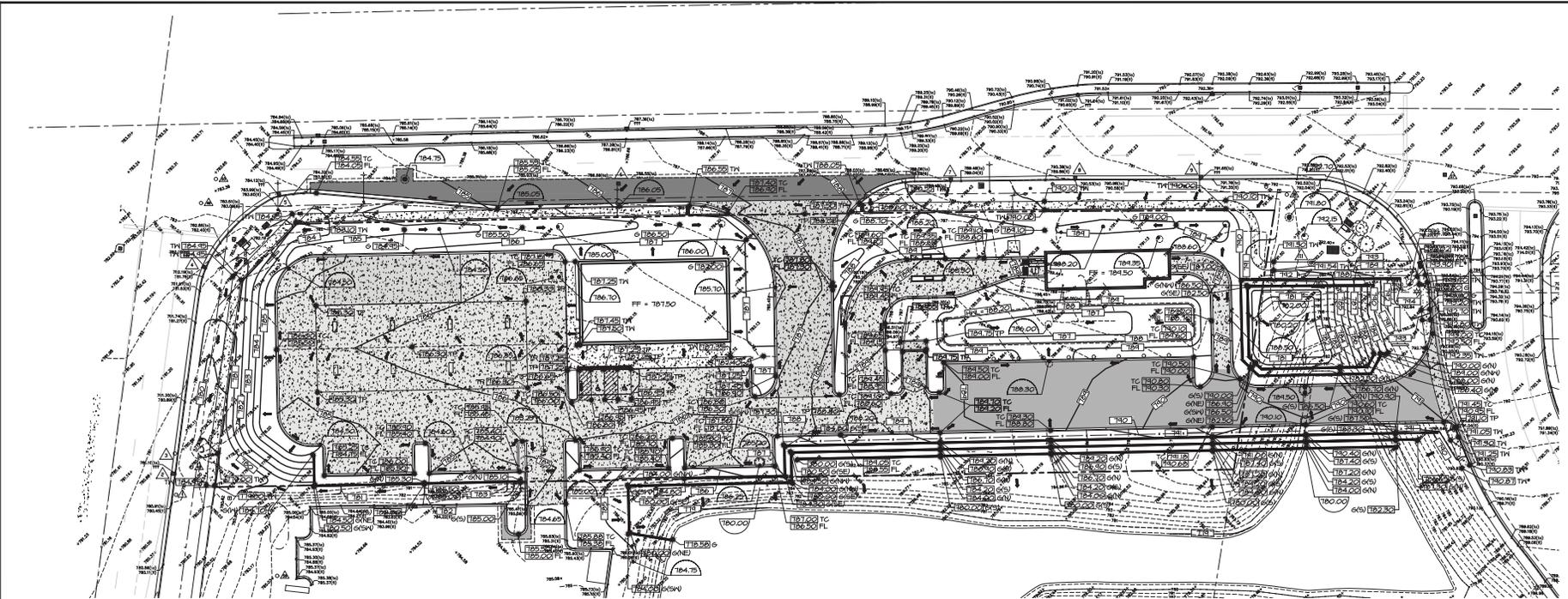
TO	DATE
REV. SITE	8/7/19
REV. SITE	8/18/19
REV. SITE	8/26/19
REV. SITE	11/13/20
REV. SITE	2/6/21
REV. SITE	2/11/21
REV. SITE	2/19/21

CHECK/TOA
 DRAWN/TEP
 JOB:1910803C

C-3.0
 SITE DEVELOPMENT
 PLAN







EXISTING UTILITY DATA

<p>RM-781.66' (SANITARY) 48" CONCRETE STRUCTURE INV-771.53' (CONCREOM N/S) INV-772.50' (15" RCP W) INV-781.53' (15" RCP W) TOP OF WATER-777.26'</p> <p>RM-781.60' (STORM) 24" CONCRETE STRUCTURE INV-772.55' (15" RCP W/S) INV-772.55' (15" RCP W/S)</p> <p>RM-781.77' (STORM) 48" CONCRETE STRUCTURE INV-772.57' (8" PVC W/S) INV-772.57' (15" RCP W) INV-772.57' (15" RCP W) INV-772.57' (15" RCP W/S)</p> <p>RM-781.85' (STORM) 24" CONCRETE STRUCTURE INV-778.05' (15" RCP W/S)</p> <p>RM-783.66' (STORM) 48" CONCRETE STRUCTURE INV-778.16' (15" RCP W/S) INV-778.16' (15" RCP W/S)</p> <p>RM-786.87' (SANITARY) 48" CONCRETE STRUCTURE INV-774.47' (8" PVC L/W) INV-779.96' (15" RCP W)</p> <p>RM-786.01' (STORM) 48" CONCRETE STRUCTURE INV-782.81' (15" RCP W/S) INV-782.81' (15" RCP W/S)</p> <p>RM-786.03' (STORM) 48" CONCRETE STRUCTURE INV-782.81' (15" RCP W/S) INV-782.81' (15" RCP W/S)</p>	<p>RM-791.23' (STORM) 48" CONCRETE STRUCTURE INV-781.46' (15" RCP N/E) INV-781.46' (15" RCP N/E) INV-781.46' (15" RCP N/E) TOP OF WATER-777.26'</p> <p>RM-791.23' (SANITARY) 24" CONCRETE STRUCTURE TOP OF PPE-785.88' (12" DP E/W) INV-772.55' (15" RCP W/S) INV-772.55' (15" RCP W/S)</p> <p>RM-792.25' (WATER) 48" CONCRETE STRUCTURE INV-783.90' (8" CLAY E) INV-783.90' (8" CLAY E)</p> <p>RM-792.25' (WATER) 48" CONCRETE STRUCTURE INV-783.90' (8" CLAY E) INV-783.90' (8" CLAY E)</p> <p>RM-793.64' (STORM) 48" CONCRETE STRUCTURE INV-780.31' (12" RCP NW/E/S)</p> <p>RM-793.70' (STORM) 48" CONCRETE STRUCTURE INV-781.16' (24" RCP E) INV-781.16' (24" RCP E)</p> <p>RM-794.47' (8" PVC L/W) 48" CONCRETE STRUCTURE INV-774.47' (8" PVC L/W) INV-779.96' (15" RCP W/S)</p> <p>RM-794.57' (STORM) 48" CONCRETE STRUCTURE INV-782.74' (15" RCP W/S) INV-782.74' (15" RCP W/S)</p> <p>RM-794.57' (STORM) 48" CONCRETE STRUCTURE INV-782.74' (15" RCP W/S) INV-782.74' (15" RCP W/S)</p>	<p>RM-783.61' (STORM) 48" CONCRETE STRUCTURE INV-772.55' (15" RCP NW/E/S)</p> <p>RM-786.66' (STORM) 48" CONCRETE STRUCTURE INV-778.05' (15" RCP W/S) INV-778.05' (15" RCP W/S)</p> <p>RM-789.04' (STORM) 24" CONCRETE STRUCTURE INV-784.47' (15" RCP NW/E)</p> <p>RM-789.26' (WATER) 48" CONCRETE STRUCTURE TOP OF PPE-784.67' (E/W)</p> <p>UNABLE TO MEASURE PPE STRUCTURE FILLED WITH WATER</p> <p>UNABLE TO OPEN STRUCTURE</p> <p>RM-780.47' (SANITARY) 48" CONCRETE STRUCTURE INV-771.17' (10" CLAY N/S)</p> <p>RM-780.87' (STORM) 48" CONCRETE STRUCTURE INV-776.96' (15" RCP W/S)</p>	<p>RM-783.18' (WATER) 48" CONCRETE STRUCTURE TOP OF PPE-777.36' (12" DP N/S)</p> <p>RM-783.57' (WATER) 48" CONCRETE STRUCTURE TOP OF WATER-779.88' STRUCTURE FILLED WITH WATER NO LINES FOUND</p> <p>RM-785.27' (WATER) 48" CONCRETE STRUCTURE TOP OF PPE-778.39' (8" DP N/S)</p> <p>RM-785.28' (WATER) 48" CONCRETE STRUCTURE TOP OF PPE-778.39' (8" DP N/S)</p> <p>RM-783.91' (SANITARY) 48" CONCRETE STRUCTURE INV-774.71' (8" PVC E/S)</p> <p>RM-785.04' (STORM) 48" CONCRETE STRUCTURE INV-780.84' (12" RCP NE/S)</p> <p>RM (NORTH)=784.90' (STORM) 24" CONCRETE STRUCTURE INV-777.09' (15" RCP W/S) INV-777.09' (15" RCP W/S) INV-782.91' TOP OF SPILLWAY WALL</p>
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HATCH LEGEND

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

GRADING LEGEND

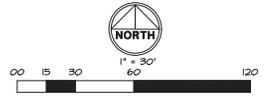
	EXISTING SPOT GRADE
	PROPOSED SPOT GRADE
	INTERPOLATED SPOT GRADE
	PROPOSED RIM ELEVATION
	EXISTING CONTOUR LINE
	PROPOSED CONTOUR LINE
	OVERLAND FLOW ARROW
	100 YEAR OVERLAND FLOW ROUTE
	EMERGENCY OVERFLOW ARROW
	TOP OF PAVEMENT ELEVATION
	TOP OF SIDEWALK ELEVATION
	FINISHED FLOOR ELEVATION
	TOP OF CURB ELEVATION
	FLOOD LINE ELEVATION
	ADJUST EXISTING RIM ELEVATION
	EXISTING CLOSED MANHOLE
	EXISTING OPEN GRATE MANHOLE
	EXISTING GURB INLET
	EXISTING FIRE HYDRANT
	EXISTING VALVE VAULT
	EXISTING B-BOX
	EXISTING TELCO PEDESTAL
	EXISTING UTILITY POLE W/ 6/11 WIRE
	PROPOSED FIRE HYDRANT
	PROPOSED VALVE WITH VAULT
	PROPOSED B-BOX
	PROPOSED INLET
	PROPOSED OPEN LID MANHOLE / CATCH BASIN
	PROPOSED CLOSED LID MANHOLE
	PROPOSED RESTRICTOR STRUCTURE
	PROPOSED NYLOPLAST DRAIN BASIN
	PROPOSED FLARED END SECTION
	PROPOSED GREASE TRAP

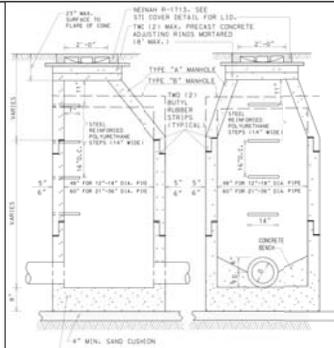
SITE GRADING NOTES:

- A. EXISTING CONDITIONS AND TOPOGRAPHY SHOWN REPRESENTS SITE CONDITIONS PER THE TOPOGRAPHIC SURVEY LAST DATED 09-12-11. PREPARED BY THE H/T GROUP. CONTRACTOR SHALL FIELD VERIFY EXISTING ELEVATIONS AND CONDITIONS (INCLUDING BUT NOT LIMITED TO VERIFICATION OF CONTROLS AND ALL UTILITIES WHETHER DELETED OR NOT PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES).
- B. ALL PROPOSED GRADES ARE GIVEN TO FINISHED GRADE. 18" TOP OF PROPOSED ASPHALT, CONCRETE, TOP OF PROPOSED CURB, ETC. SEE DETAILS FOR PAVEMENT THICKNESS.
- C. CONTRACTOR SHALL CONTACT JULLIE (81) OR 1-800-892-0283 AND/OR PRIVATE LOCATING SERVICE TO LOCATE ALL UNDERGROUND UTILITY LINES PRIOR TO STARTING ANY EXCAVATION AND/OR ELEVATION. EXACT LOCATIONS OF ANY EXISTING ELECTRIC, GAS, TELEPHONE, ETC. LINES ARE UNKNOWN.
- D. 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.
- E. CONTRACTOR SHALL REPAIR ALL DISTURBED AREAS OUTSIDE OF CONSTRUCTION LIMITS TO ORIGINAL CONDITION OR BETTER.
- F. 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.
- G. CONTRACTOR TO UTILIZE CARE WHEN WORKING NEAR EXISTING UTILITIES TO REMAIN. ANY DAMAGE TO EXISTING UTILITIES NOT NOTED TO BE REMOVED SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER AND/OR ENGINEER.
- H. ALL EXISTING TREES SHOWN ARE TO REMAIN UNLESS OTHERWISE NOTED.
- I. HANDICAP ACCESSIBLE ROUTES (SIDEWALKS, PARKWAYS, DRIVEWAYS, ETC.) SHALL MAINTAIN A MAXIMUM CROSS SLOPE OF 2.00% AND A MAXIMUM LONGITUDINAL SLOPE OF 5.00%. ACCESSIBLE ROUTES SHALL MAINTAIN A MAXIMUM SLOPE OF 2.00% IN ALL DIRECTIONS.
- J. VOIDS LEFT BY ANY TREES REMOVED DURING THE PROJECT AREA SHALL BE MAINTAINED AT A MAXIMUM SLOPE OF 2% THEREOF SHALL BE BACKFILLED WITH ENGINEERED FILL ACCORDING TO THE GEOTECHNICAL REPORT.
- K. ALL FIRE ACCESS LANES WITHIN THE PROJECT AREA SHALL REMAIN IN SERVICE. CLEAN OF DEBRIS, AND ACCESSIBLE FOR USE BY EMERGENCY VEHICLES.
- L. CONSTRUCTION ACCESS POINTS TO THE SITE SHALL BE PROTECTED IN SUCH A WAY AS TO PREVENT TRACKING OF MUD OR SOIL ONTO ADJACENT THOROUGHFARES. ALL SEEDING SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY BY THE CONTRACTOR.
- M. ALL EXISTING SUBGRADE TO BE SCARIFIED (DISKED) TO A DEPTH OF 12" AND RE-COMPACTED, AND THEN TESTED USING A DYNAMIC CONE PENETROMETER. SEE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS.
- N. ALL EXCESS SOILS THAT CANNOT BE USED AS SUITABLE FILL SHALL BE HAULED FROM THE SITE AND LEGALLY DISPOSED OF.
- O. CONTRACTOR TO PROVIDE SOIL TESTING SERVICES FOR COMPLETION OF THE ILLINOIS ENVIRONMENTAL PROTECTOR AGENCY'S LFP-662 AND/OR LFP-663 FORMS AS PART OF THEIR CONTRACT.
- P. PREPARE SUBGRADE AND PROTECTION WITHIN THE GEOTECHNICAL REPORT DATED MONTH DAY, YEAR PREPARED BY GEOTECHNICAL ENGINEER.
- Q. ALL TOPSOIL BENEATH PROPOSED STRUCTURES AND PAVEMENT SHALL BE REMOVED. REFER TO THE GEOTECHNICAL REPORT DATED MONTH DAY, YEAR PREPARED BY GEOTECHNICAL ENGINEER FOR EXISTING TOPSOIL DEPTHS.

ISSUE

TO DATE	
REV. SITE	8/7/19
REV. SITE	8/18/19
REV. SITE	8/26/19
REV. SITE	11/13/20
REV. SITE	2/26/21
REV. SITE	2/11/22
REV. SITE	2/19/22





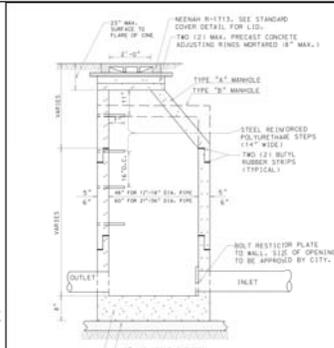
NOTES:

- MANHOLES MUST CONFORM TO ASTM C-478.
- MANHOLE SECTIONS TO BE TONGUE AND GROOVED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
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- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.

TYPE A & B STORM MANHOLE DETAIL

NOT TO SCALE

DATE: 11-19-09



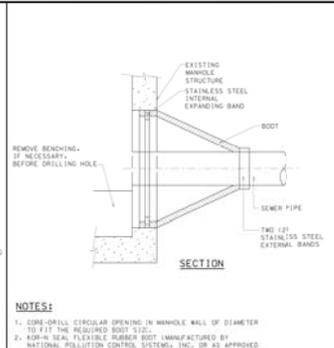
NOTES:

- RESTRICTOR SEES TO BE APPROVED BY THE CITY ENGINEER.
- MANHOLE SECTIONS TO BE TONGUE AND GROOVED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
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- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.

TYPE A & B STORM MANHOLE WITH RESTRICTOR

NOT TO SCALE

DATE: 11-19-09



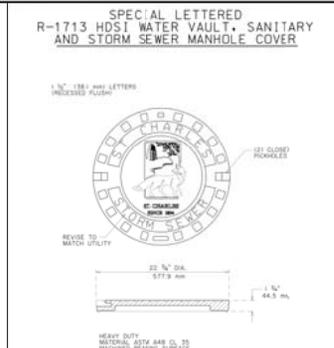
NOTES:

- REMOVE FINISHING, IF NECESSARY, BEFORE DRILLING HOLE.

SANITARY SEWER CONNECTION TO EXISTING MANHOLE

NOT TO SCALE

DATE: 11-19-09



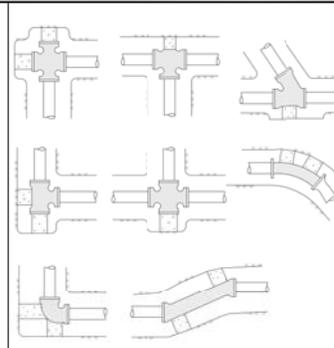
NOTES:

- ALL ENDS OF 24" AND LARGER SHALL BE BLOCKED WITH AT LEAST 10" PAVER CONCRETE BLOCKS AGAINST UNDESIRABLE VERTICAL EARTH FACE.
- ALL CONCRETE TO BE MIN. 3,000 PSI.
- IN ADDITION TO THE ABOVE THURST BLOCKING ALL MECHANICAL JOINTS SHALL BE OVER 10" AND FINE MESHED SHALL HAVE A "MESHOUT" REINFORCEMENT, OR AS APPROVED BY THE ENGINEERING DIVISION. BOLTS SHALL BE "TORN-OUT".

STANDARD COVER DE-AIL

NOT TO SCALE

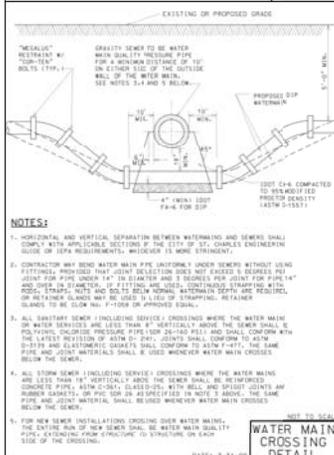
DATE: 11-19-09



THRUST BLOCK INSTALLATION DETAILS

NOT TO SCALE

DATE: 11-19-09



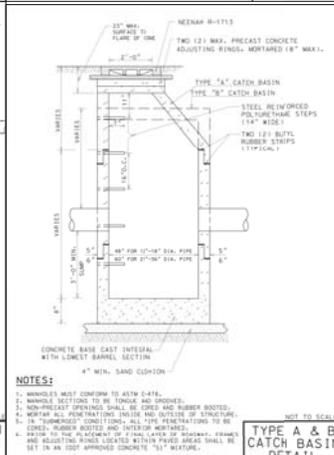
NOTES:

- HORIZONTAL AND VERTICAL SEPARATION BETWEEN WATERMAIN AND SEWER SHALL COMPLY WITH APPLICABLE SECTIONS OF THE CITY OF ST. CHARLES ENGINEERING CODE OR ILLINOIS REQUIREMENTS, WHICHEVER IS MORE STRINGENT.
- CONTRACTOR MAY BEND WATER MAIN PIPE UNIFORMLY UNDER SEWERS WITHOUT USING INTERMEDIATE PROPOSED HALF-CENT DEVIATION UNLESS NOT EXCEEDED 6 INCHES PER JOINT FOR PIPE UNDER 14" TO 24" DIAMETER AND 3 INCHES PER JOINT FOR PIPE 14" AND OVER IN DIAMETER. IF FITTING ARE USED, CONTINUOUS STRAPPING WITH 1/2" BOLT STRAPS, NOTED AND BOLT TO BEAW MINIMUM WATERMAIN DEPTH AND MINIMUM OR RETAINER GLANDS MAY BE USED IN LIEU OF STRAPPING. RETAINER GLANDS TO BE 6 INCH MIN. AT EVERY APPROVED EQUAL.
- ALL SANITARY SEWER (INCLUDING SERVICE) CROSSINGS WHERE THE WATER MAIN OR WATER SERVICES ARE LESS THAN 6" VERTICALLY ABOVE THE SEWER SHALL BE POLYETHYLENE UNCLIP PRESSURE PIPE (FOR 24-36 PSI) AND SHALL CONFORM WITH THE LATEST EDITION OF ASTM C-954. JOINTS SHALL CONFORM TO ASTM C-957 AND ELEVATIONS, SLOPES SHALL CONFORM TO ASTM C-478, THE SAME PIPE AND JOINT MATERIALS SHALL BE USED WHEREVER WATER MAIN CROSSINGS BELOW THE SEWER.
- ALL SEWER SEWER (INCLUDING SERVICE) CROSSINGS WHERE THE WATER MAIN OR WATER SERVICES ARE LESS THAN 6" VERTICALLY ABOVE THE SEWER SHALL BE POLYETHYLENE UNCLIP PRESSURE PIPE (FOR 24-36 PSI) AND SHALL CONFORM WITH THE LATEST EDITION OF ASTM C-954. JOINTS SHALL CONFORM TO ASTM C-957 AND ELEVATIONS, SLOPES SHALL CONFORM TO ASTM C-478, THE SAME PIPE AND JOINT MATERIALS SHALL BE USED WHEREVER WATER MAIN CROSSINGS BELOW THE SEWER.
- FOR NEW SEWER INSTALLATIONS CROSSING UNDER WATER MAIN, THE ENTIRE RUN OF NEW SEWER SHALL BE WATER MAIN QUALITY WITH EXCEPTING FROM STRUCTURE TO STRUCTURE ON EACH SIDE OF THE CROSSING.

WATER MAIN CROSSING DETAIL

NOT TO SCALE

DATE: 11-19-09



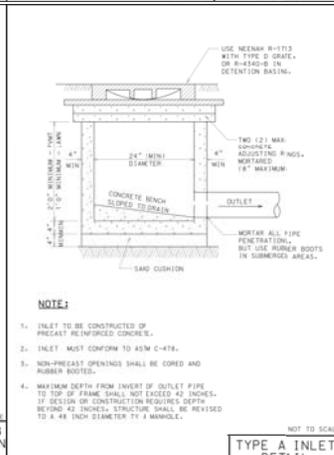
NOTES:

- MANHOLES MUST CONFORM TO ASTM C-478.
- MANHOLE SECTIONS TO BE TONGUE AND GROOVED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
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- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.

TYPE A & B CATCH BASIN DETAIL

NOT TO SCALE

DATE: 11-19-09



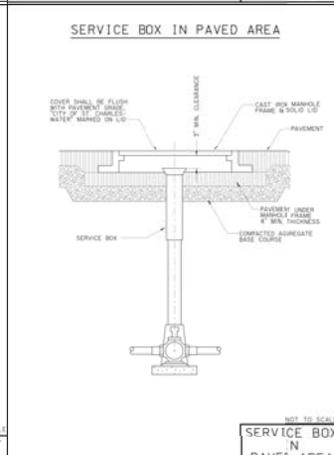
NOTES:

- INLET TO BE CONSTRUCTED OF PRECAST REINFORCED CONCRETE.
- INLET MUST CONFORM TO ASTM C-478.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
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- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.

TYPE A INLET DETAIL

NOT TO SCALE

DATE: 11-19-09



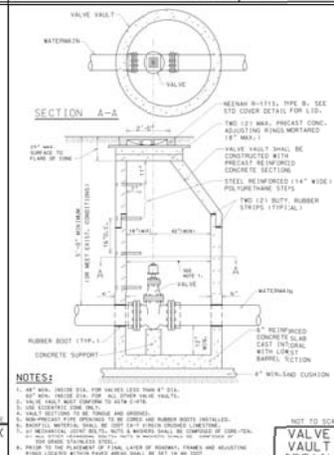
NOTES:

- INLET TO BE CONSTRUCTED OF PRECAST REINFORCED CONCRETE.
- INLET MUST CONFORM TO ASTM C-478.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
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SERVICE BOX IN PAVED AREA

NOT TO SCALE

DATE: 11-19-09



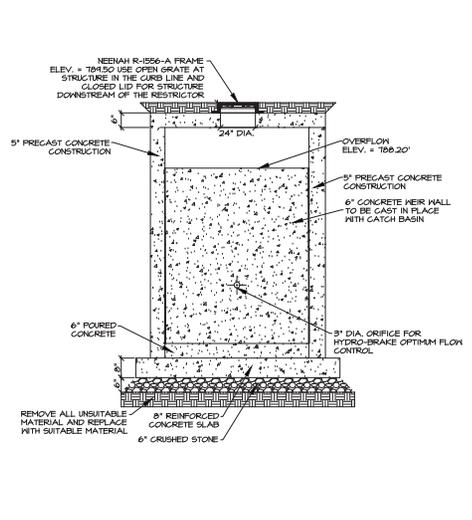
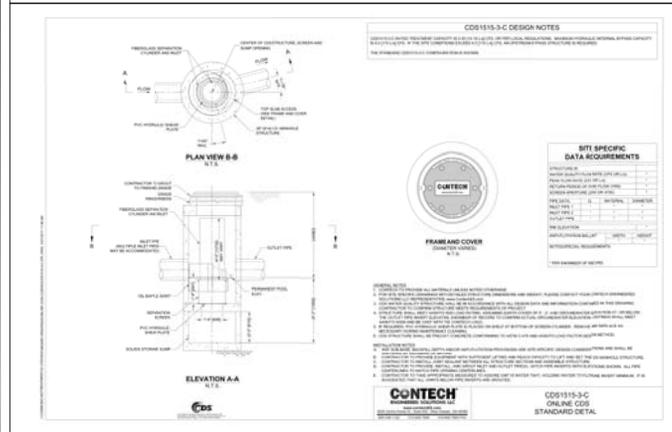
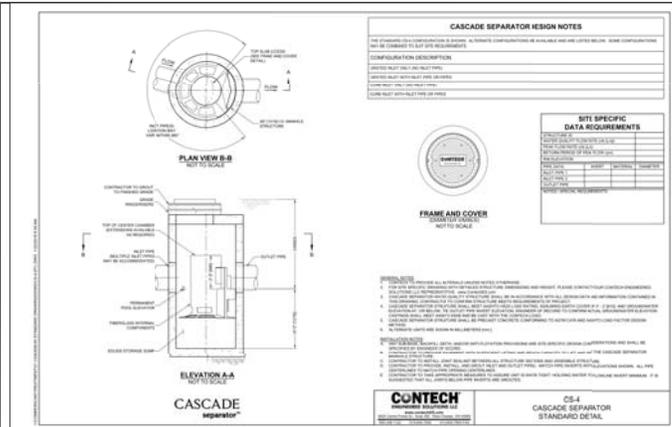
NOTES:

- MANHOLES MUST CONFORM TO ASTM C-478.
- MANHOLE SECTIONS TO BE TONGUE AND GROOVED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
- NON-PRECAST OPENINGS SHALL BE CORED AND RUBBER BOOTED.
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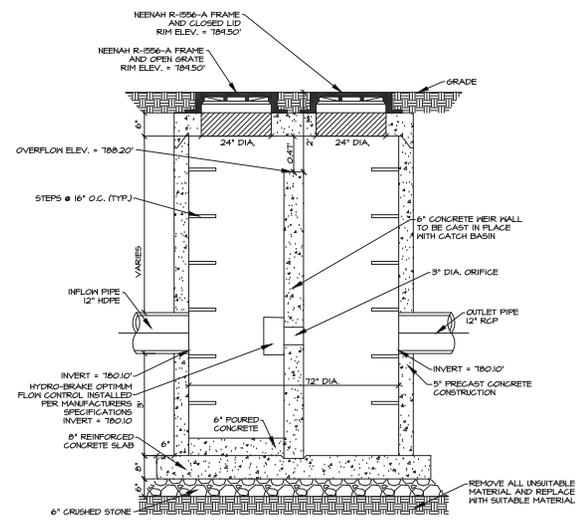
VALVE VAULT DETAIL

NOT TO SCALE

DATE: 11-19-09



DETAIL - 72" CATCH BASIN #30 WITH RESTRICTOR



Technical Specification		
Control Point	Head (ft)	
Primary Design	5.100	0.096
Flush-Flow	3.800	0.061
Kick-Flow	1.850	0.049
Mean Flow		0.070

Hydro-Brake Optimum Flow Control including:

- 8.158 gpm 30AL stainless steel ball always clear line of sight through to outlet to ensure clean flow
- Steel Inverted Tee to maintain constant head
- 100% stainless steel
- Rust free to last

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SECTION A-A and **SECTION B-B**

THIS DESIGN LAYOUT IS FOR ILLUSTRATIVE PURPOSES ONLY. NOT TO SCALE.

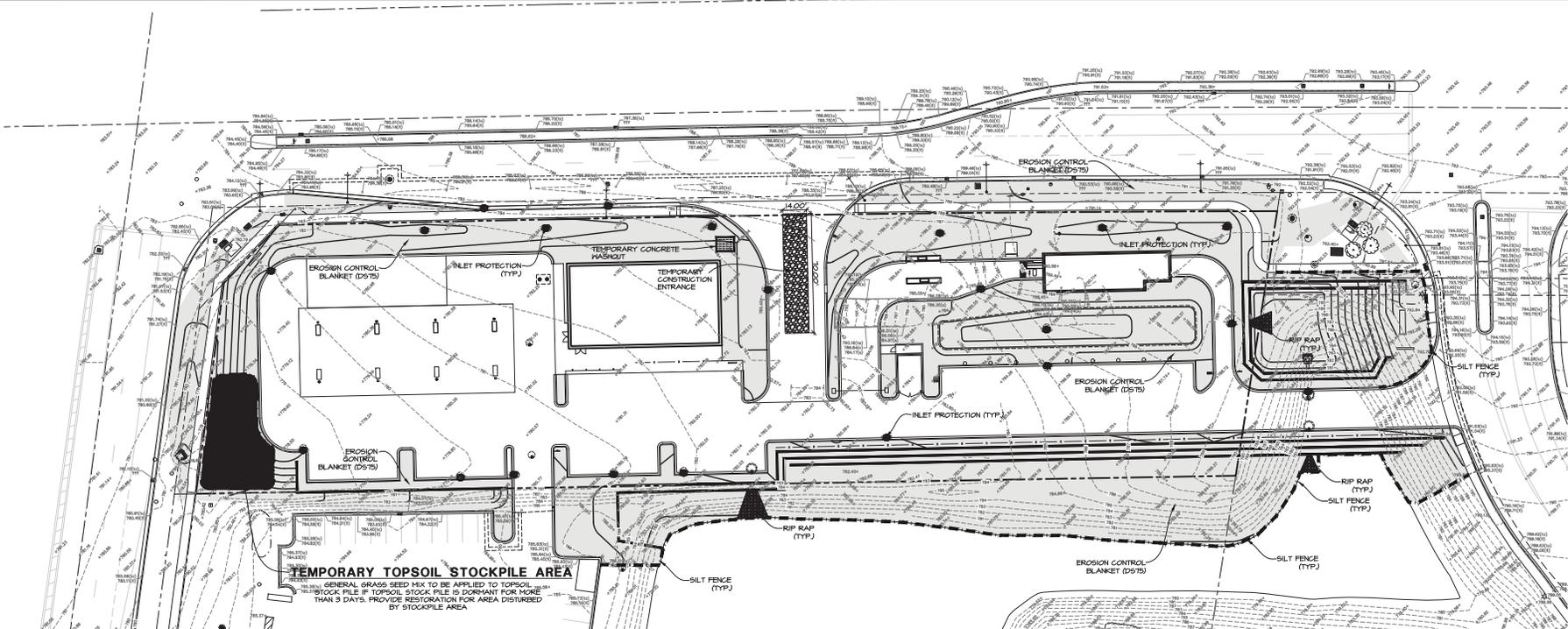
DESIGN: The headflow characteristics of the SHE-0063-2710-2469-2710 Hydro-Brake Optimum Flow Control are unique. Systematic hydraulic modeling includes the full headflow characteristics curve.

ADVICE: The use of an orifice flow control will invalidate any design based on this data.

Hydro International

DATE: 12/25/2020 10:23 AM
SITE: Pride of Kane County
PROJECT: Main Pipe
REF: New Paved

SHE-0063-2710-2469-2710
 Hydro-Brake Optimum



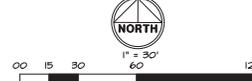
TEMPORARY TOPSOIL STOCKPILE AREA
 GENERAL GRASS SEED MIX TO BE APPLIED TO TOPSOIL STOCKPILE IF TOPSOIL STOCKPILE IS DORMANT FOR MORE THAN 30 DAYS. PROVIDE RESTORATION FOR AREA DISTURBED BY STOCKPILE AREA.

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 N/LO/AST 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 DIST'S 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 PLANS.
- 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 ERODATE 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 THE 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 500.
 - 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 PEEDS, STONES, ROCKS, STICKS, GULLIES, CLODS, 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 HYDROPOSED 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.



AQUATIC \ CIVIL \ MECHANICAL \ ELECTRICAL \ PLUMBING \ TELECOMMUNICATION \ STRUCTURAL \ ACCESSIBILITY CONSULTING \ DESIGN & PROGRAM MANAGEMENT \ LAND SURVEY
WT GROUP
 3301 W. 124th Street, Suite 200, Mokena, IL 60450
 815.483.1000
 www.wtgroup.com

WT Group
 Engineering Design Consulting

THE PRIDE OF KANE COUNTY
 3301 W 124th Street
 SAINT CHARLES, ILLINOIS 60174

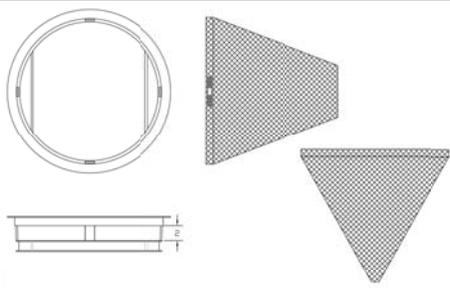
CIMA DEVELOPERS
 3001 180 BUTTERFIELD ROAD
 WARRENVILLE, IL 60555

ISSUE

TO	DATE
REV. SITE	8/7/19
REV. SITE	8/19/19
REV. SITE	8/26/19
REV. SITE	11/3/20
REV. SITE	2/8/21
REV. SITE	2/11/21
REV. SITE	2/19/21

CHECK/TOA
 DRAWN/TEP
 JOB:1910803C

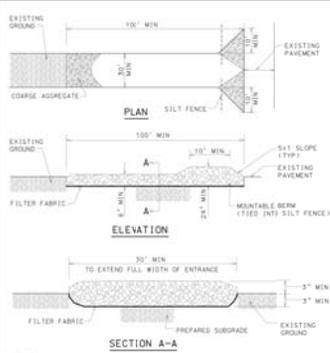
C-6.0
 STORMWATER
 POLLUTION PREVENTION
 PLAN



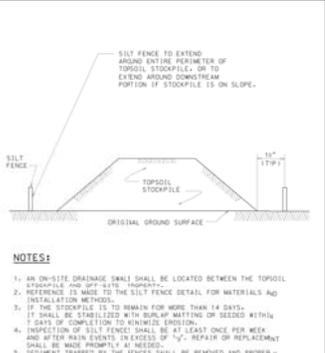
GENERAL NOTES:
 1. Filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class 1, 6, or 7 and shall be placed over the cleared area prior to the placing of rock.
 2. Coarse aggregate shall meet one of the following DOT gradations, CA-1, CA-2, CA-3, or CA-4.
 3. Riprap shall meet DOT gradation R9-2 or R9-4 and meet Quality Designation A.
 4. Construction shall be placed according to construction specifications.
 5. Riprap shall be placed in a single layer.
 6. The base of the catchment shall be compacted to 95% relative compaction.
 7. The base of the catchment shall be compacted to 95% relative compaction.
 8. Maximum storage shall be 12 cubic feet.
 9. Rock check dam-CORRAL-ROCK may be used for drainage area under 2 acres.

DATE	REVISION
	Original

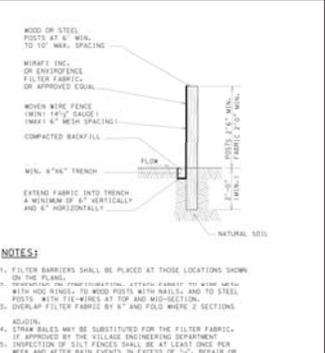
Typical Round Catch-All
 Marathon Materials, Inc.



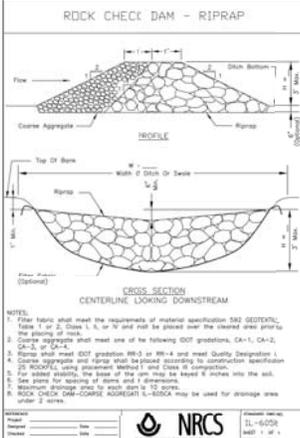
NOTES:
 1. GEOTEXTILE FILTER FABRIC SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO PLACING COARSE AGGREGATE.
 2. COARSE AGGREGATE OR CURBED CONCRETE SHALL MEET DOT GRADATION CA-1 THROUGH CA-4.
 3. STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO ONSET OF CONSTRUCTION OPERATIONS AND SHALL BE MAINTAINED THROUGHOUT THE PROJECT.
 4. CONSTRUCTION ENTRANCE SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION AND ONLY WHEN DIRECTED BY THE CITY.



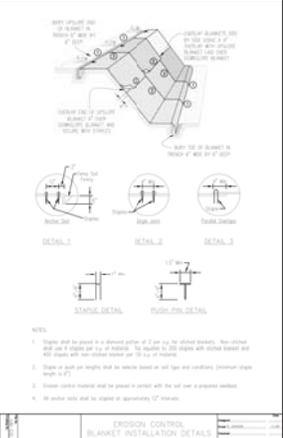
NOTES:
 1. AN ON-SITE DRAINAGE SHALL BE LOCATED BETWEEN THE TOPSOIL STOCKPILE AND OFF-SITE INFRASTRUCTURE.
 2. REFERENCE IS MADE TO THE SILT FENCE DETAIL FOR MATERIALS AND INSTALLATION METHODS.
 3. IF THE STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, IT SHALL BE STABILIZED WITH BERM MATING OR RESEED WITHIN 7 DAYS OF COMPLETION TO MINIMIZE EROSION.
 4. INSPECTION OF SILT FENCE SHALL BE AT LEAST ONCE PER WEEK AND AFTER RAIN EVENTS IN EXCESS OF 1/2" REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 5. SEDIMENT TRAPPED BY THE FENCE SHALL BE REMOVED AND PROMPTLY DISPOSED OF WHENEVER SIGNIFICANT ACCUMULATION OCCURS.
 6. SILT FENCES SHALL BE MAINTAINED IN PLACE UNTIL TOPSOIL STOCKPILE HAS BEEN ELIMINATED AND SHALL BE REMOVED ONLY WHEN DIRECTED BY THE CITY.



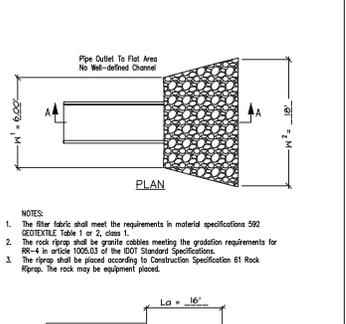
NOTES:
 1. FILTER BARRIERS SHALL BE PLACED AT THOSE LOCATIONS SHOWN ON THE PLAN.
 2. PREVENTION OF PROTRUSION: GEOTEXTILE FABRIC TO BE MAINTAINED WITH WOOD POSTS WITH NAILS AND TO STEEL POSTS WITH TIE-WIRES AT TOP AND MID-SECTION.
 3. OVERLAP FILTER FABRIC BY 6" AND FOLD WHERE 2 SECTIONS MEET.
 4. STRAP BARRIERS MAY BE SUBSTITUTED FOR THE FILTER FABRIC IF APPROVED BY THE VILLAGE ENGINEERING DEPARTMENT.
 5. INSPECTION OF SILT FENCES SHALL BE AT LEAST ONCE PER WEEK AND AFTER RAIN EVENTS IN EXCESS OF 1/2" REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 6. SEDIMENT TRAPPED BY THE FENCE SHALL BE REMOVED AND PROMPTLY DISPOSED OF WHENEVER SIGNIFICANT ACCUMULATION OCCURS.
 7. BARRIERS SHALL BE MAINTAINED IN PLACE UNTIL COMPLETION OF CONSTRUCTION AND THE STABILIZED AREA HAS BEEN STABILIZED, AND BE REMOVED ONLY WHEN DIRECTED BY THE CITY.



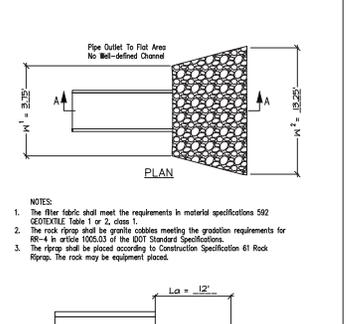
NOTES:
 1. Filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class 1, 6, or 7 and shall be placed over the cleared area prior to the placing of rock.
 2. Coarse aggregate shall meet one of the following DOT gradations, CA-1, CA-2, CA-3, or CA-4.
 3. Riprap shall meet DOT gradation R9-2 or R9-4 and meet Quality Designation A.
 4. Construction shall be placed according to construction specifications.
 5. Riprap shall be placed in a single layer.
 6. The base of the dam may be heavy if inches into the soil.
 7. The base for stability of stone and riprap.
 8. Maximum storage shall be 12 cubic feet.
 9. Rock check dam-CORRAL-ROCK may be used for drainage area under 2 acres.



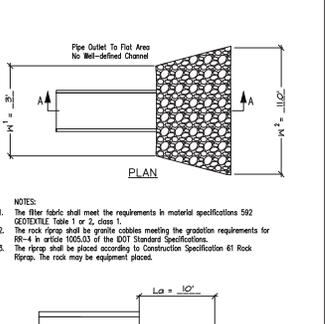
NOTES:
 1. Riprap shall be placed in a single layer of 2 feet for all other details. Non-eroded riprap shall be 12 inches or 12 inches to 18 inches. To repair to 100 percent with riprap shall be 12 inches or 12 inches.
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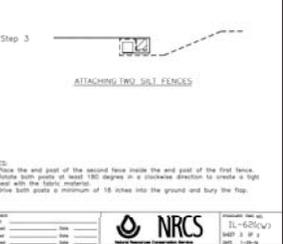
NOTES:
 1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class 1.
 2. The rock riprap shall be granite cobbles meeting the gradation requirements for R9-4 in article 1005.03 of the DOT Standard Specifications.
 3. The riprap shall be placed according to Construction Specification 61 Rock Riprap. The rock may be equipment placed.



NOTES:
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NOTES:
 1. Place the end post of the second fence inside the end post of the first fence.
 2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric panels.
 3. Drive both posts a minimum of 18 inches into the ground and bury the top.



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WT GROUP
 224 S. 3RD ST. SUITE 200
 WARRENVILLE, IL 60555
 (708) 224-2000
 www.wtgroup.com

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

ISSUE

TO	DATE
REV. SITE	8/7/19
REV. SITE	8/18/19
REV. SITE	8/26/19
REV. SITE	1/13/20
REV. SITE	2/6/20
REV. SITE	2/11/20
REV. SITE	2/19/20

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 STORMWATER
 POLLUTION PREVENTION
 DETAILS

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 THE 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(S) 48 HOURS PRIOR TO COMMENCING CONSTRUCTION ON EACH MAJOR CATEGORY OF WORK, INCLUDING BUT NOT LIMITED TO, ANY AND ALL EXISTING UTILITIES, MANHOLES, 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 IN ORDER TO AVOID THE CONFLICTS. THE CONTRACTOR SHALL CALL THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) AT 1-800-322-0029 OR BY DIALING 811. IT IS ULTIMATELY THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, MANHOLES, CURBS OR 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 EXISTING FOR EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS PREPARED BY THE UTILITY OWNERS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THESE UTILITIES, LINES AND FOR THEIR PROTECTION FROM DAMAGE DUE TO 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 WHERE CONSTRUCTION OPERATIONS ADJACENT 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 INDICATED 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, VALVES, ETC.)
 - WATER MAIN MATERIALS (VALVES, FIRE HYDRANTS, ETC.)
- AFTER COMPLETION OF THE PROPOSED IMPROVEMENTS AND WHEN REQUIRED BY THE GOVERNING AUTHORITY(S), 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:
 - TOPOGRAPHY AND SPOT GRADE ELEVATIONS OF ALL PROPOSED IMPROVEMENT 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, BUILDING OR OTHER PERMANENT SITE FEATURES.
 - RIN AND INVERT AND/or INVERT ELEVATIONS FOR ALL PROPOSED
- AS-BUILT AND/OR RECORD DRAWINGS INFORMATION SHALL BE SHOWN ON THE APPROVED ENGINEERING PLANS ISSUED FOR CONSTRUCTION, ANY AND ALL AS-BUILT DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ENGINEER WITH STRIKINGS THROUGH THE PROPOSED INFORMATION 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-ORANGE 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 EXISTING NON-CONFORMING EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO THE LINES, GRADES AND CROSS SECTIONS SHOWN ON THE PLANS. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION 'STANDARD SPECIFICATIONS,' ALL UNSUITABLE OR EXCESSIVE MATERIALS SHALL BE REMOVED FROM THE 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 TIME THAT THIS TOPSOIL CAN BE USED FOR FINAL GRADING, UNLESS OTHERWISE NOTED ON THE PLANS, A MINIMUM OF 6" TOPSOIL RE-Spread 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 EXISTING OR BUILDING PADS. 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 AND RE-APPLICATION 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. IF 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 REPAIRED TO THE LOCATION OF LEGALLY STATED LOCATIONS DETERMINED BY THE CONTRACTOR.
- ON AND OFF SITE PAVING AND CURBS TO REMAIN SHALL BE PROTECTED FROM DAMAGE AND IF SHALL BE PROTECTED FROM DAMAGE BY THE STATE AND LOCAL 'STANDARD SPECIFICATIONS IN MATERIALS' AND 'STANDARD SPECIFICATIONS'.
- 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 CURVES BETWEEN NEW AND EXISTING GRADES AND AVOID ANY RIDGES AND/OR DEPRESSIONS.
- ALL PROPOSED GRADING, PAVEMENT, APRONS, CURBS, WALKS, ETC. SHALL MATCH EXISTING GRADING PLANS.
- ALL EXISTING AND PROPOSED TOP OF FINISH ELEVATIONS FOR STORM, SANITARY, WATER AND OTHER UTILITY STRUCTURES SHALL BE ADJUSTED TO MEET FINISHED GRADE WITHIN THE PROJECT LIMITS.
- ALL CONCRETE POURED SHALL BE:
 - MINIMUM COMPRESSED STRENGTH: 3500 P.S.I. @ 28 DAYS PER A.C.J.
 - 4500 P.S.I. @ 28 DAYS PER A.C.J.
 - MAX WATER-CEMENTitious MATERIALS RATIO, 0.44 (AIR-ENTRAINED)
 - AIR CONTENT, 6% +/- 1.5% AT POINT OF DELIVERY FOR EXPOSED CONCRETE
- WHEN FIBER REINFORCEMENT IS SPECIFIED, IT SHALL CONSIST OF FIBERGLASS POLYESTER FIBERS ENGINEERED AND DESIGNED FOR USE IN CONCRETE PAVEMENT, COMPLYING WITH ASTM C 116, 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. / CU. YD.
- 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 RIGHT-OF-WAY. ALL OPERATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE PLANS, THIS 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 SELF 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 SERVICE CONNECTION SHALL BE INSTALLED IN A JOINT CAST IRON OR DUCTILE IRON PIPE, ASBESTOS-CEMENT PRESSURE PIPE, PRESTRESSED CONCRETE PIPE, OR PVC PIPE EQUIVALENT TO THE WATER MAIN STANDARDS OF CONSTRUCTION. THE JOINT SHALL BE UNDER 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 HORIZONTAL JOINTS CONFORMING TO ASTM D-3022, UNLESS OTHERWISE NOTED.
- WHERE SANITARY SEWER PIPE IS NOTED AS PVC C-400, THE PIPE SHALL BE IN ACCORDANCE WITH AMERICAN WATERWORKS ASSOCIATION (AWWA) STANDARD C-400 WITH WATER-TIGHT, PRESSURE RATED JOINTS CONFORMING TO ASTM D-3914.
- SANITARY SEWER CONSTRUCTION SHALL COMMENCE AT THE EXISTING MANHOLE'S EXISTING CONNECTION POINTS INDICATED ON THE PLANS.
- A WATER-TIGHT 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 AND HANGING 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-3022. UNDER THE BARREL OF THE PIPE, SHALL BE CRUSHED GRAVEL OR STONE MEETING IDOT 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-1557, OVER ALL SANITARY SEWERS WHICH ARE CONSTRUCTED UNDER OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS OR SIDEWALKS.
- 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. THIS INFORMATION SHALL BE FURNISHED TO LOT CORNERS OR OTHER PERMANENT SITE FEATURE AND SHALL FURNISH A COMPLETE RECORD OF THE SEWER. THE PROJECT ENGINEER AND/OR OWNER'S REPRESENTATIVE UPON COMPLETE COMPLETION THIS INFORMATION SHALL BE FURNISHED TO THE PROJECT ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SEWER 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 52 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. THE TIE JOINT SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. THIS FLEXIBLE TIE JOINT SHALL CONSIST OF A SLEEVE OF HIGH QUALITY SYNTHETIC RUBBER WITH A SUBSTANTIAL SERRATED FLANGE WHICH IS CAST DIRECTLY INTO THE WALL 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 SERRATED FLANGE SHALL BE ADJUSTED TO THE MANHOLE BASE AND SHALL BE SECURED BY MEANS OF A STAINLESS STEEL STRAP CLAMP (AS SHOWN) AND NOT BY WELDING.
- 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. BUTYLOK JOINT SEALANT SHALL BE USED ON ALL JOINTS BETWEEN THE PRECAST CONCRETE 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 WEIGHT AND SHALL BE THOROUGHLY VETTED BEFORE LAYING.
- WHEN CONNECTING TO AN EXISTING SEWER MAIN BY MEANS OTHER THAN AN EXISTING RYE, TEE, OR MANHOLE, THE FOLLOWING METHOD SHALL BE USED:
 - CIRCULAR SAG-OUT OF SEWER MAIN BY PROPER TOOLS (SEWER-TAP MACHINE OR SIMILAR) AND PROPER INSTALLATION OF HUB-TIE SADDLE OR HUB-TIE 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 51-12 AND 51-13 OF THE 'STANDARD SPECIFICATIONS' AND INTERFERED 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 THE 'STANDARD SPECIFICATIONS,' ALL UNSUITABLE OR EXCESSIVE MATERIALS SHALL BE REMOVED FROM THE OFF-SITE OR AS DIRECTED BY THE PROJECT REPRESENTATIVE IN THE FIELD.
- ALL WATER MAIN SHALL BE DUCTILE IRON PIPE, CLASS 52 IN ACCORDANCE WITH AMERICAN WATERWORKS ASSOCIATION (AWWA) STANDARDS C-151, C-111 AND C-141, UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE NOTED ON THE PLANS, ALL WATER MAIN PIPE SHALL BE LAD WITH A MINIMUM OF TWO INCHES OF CLEAN, CRUSHED GRAVEL OR STONE BEDDING INDICATED ON THE PLANS OR TO THE SPECIFIC TOP OF PIPE. EXISTING GRADING OPERATIONS SHALL BE CONDUCTED IN ACCORDANCE WITH THE PLANS AND SHALL BE THOROUGHLY VETTED BEFORE LAYING.
- 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-3022. UNDER THE BARREL OF THE PIPE, SHALL BE CRUSHED GRAVEL OR STONE MEETING IDOT GRADATION CA-11, CA-11 OR CA-15.
- ALL TRENCH BACKFILL MATERIAL SHALL BE PLACED AND COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY, PER ASTM D-1557, OVER ALL WATER MAINS WHICH ARE CONSTRUCTED UNDER OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS OR SIDEWALKS.
- 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 SANITARY SEWER CONSTRUCTION, ALL WATER MAIN SHALL BE TESTED IN ACCORDANCE WITH THE FOLLOWING MINIMUM STANDARDS:
 - HYDROSTATIC TESTING IN ACCORDANCE WITH SECTION 41-2.1 OF THE 'STANDARD SPECIFICATIONS' AND INTERFERED BY THE LOCAL GOVERNING AUTHORITY OR AUTHORIZED REPRESENTATIVE.
 - DISINFECTION IN ACCORDANCE WITH SECTION 41-2.2 OF THE 'STANDARD SPECIFICATIONS' AND INTERFERED 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-88-88. NO COPPLINGS SHALL BE PERMITTED BETWEEN THE CORPORATION AND CURB STOPS 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 MUELLER 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 VALVS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF DIVISION IV, SECTION 44 OF THE 'STANDARD SPECIFICATIONS.'
- VALVES SHALL BE AMERICAN FLOJOT CONTROL SERIES 2500 DUCTILE IRON RESILIENT SEAT EPOXY COATED FLEXION VALVE APPROVED EQUAL.
- ALL PRESSURE 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 VALVES HAVING A MINIMUM DIAMETER OF FIVE (5) FEET BELOW THE PRECAST CONCRETE GROUND SECTION. THE VALVS SHALL BE CONSTRUCTED OF PRECAST CONCRETE SECTIONS AND SHALL CONFORM TO THE DETAILS SPECIFIED ON THE PLANS. ALL VALVE VALVS SHALL BE LEAK PROOF.
- ALL TEMPORARY CONNECTIONS FOR CONSTRUCTION PURPOSES TO NEWLY INSTALLED OR EXISTING WATER MAINS SHALL BE MADE AND VETTERED IN ACCORDANCE WITH LOCAL REQUIREMENTS.
- 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. BUTYLOK JOINT SEALANT SHALL BE USED ON ALL JOINTS BETWEEN THE PRECAST ELEMENTS.

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 SERVICE CONNECTION. THE VERTICAL SEPARATION SHALL BE MAINTAINED FOR THAT PORTION OF THE WATER MAIN LOCATED WITHIN TEN (10) FEET HORIZONTALLY OF ANY SEWER OR DRAIN. A LENGTH OF WATER MAIN PIPE SHALL BE CENTERED OVER THE SEWER TO BE CROSSED WITH JOINTS EQUIVALENT TO THE SEWER OR DRAIN.
- BOTH THE WATER MAIN AND DUCTILE IRON PIPE SHALL BE CONSTRUCTED OF SLIP-ON OR MECHANICAL JOINT CAST OR SECTION IRON PIPE, ASBESTOS-CEMENT PRESSURE PIPE, PRESTRESSED CONCRETE PIPE, OR PVC PIPE EQUIVALENT TO WATER MAIN STANDARDS 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 DRAIN LINES SHALL BE SUPPORTED TO PREVENT SETTLE 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'), THE ILLINOIS DEPARTMENT OF TRANSPORTATION 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION,' LATEST EDITION ('STANDARD SPECIFICATIONS'), ANY SPECIAL PROVISIONS, THE NOTES ON THE PLANS AND IN 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-16 WITH FLEXIBLE (O-RING) GASKET JOINTS IN CONFORMANCE WITH ASTM C-448 AND SECTION 31-120 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 HIGH DENSITY POLYETHYLENE PIPE PER ASTM F-2926 WITH WATER-TIGHT JOINTS CONFORMING TO ASTM D-3022.
- ALL PVC STORM SEWER PIPE SHALL BE POLYVINYL CHLORIDE SDR 26 PIPE PER ASTM D-3034 WITH WATER-TIGHT JOINTS CONFORMING TO ASTM D-3022, UNLESS OTHERWISE NOTED.
- ALL STORM SEWER TRENCH EXCAVATIONS AND PIPE FOUNDATION BEDDING AND HANGING 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-3022. UNDER THE BARREL OF THE PIPE, SHALL BE CRUSHED GRAVEL OR STONE MEETING IDOT 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-1557, OVER ALL STORM SEWERS WHICH ARE CONSTRUCTED UNDER OR WITHIN TWO (2) FEET OF, ANY PROPOSED OR EXISTING PAVEMENT, PARKING LOTS OR SIDEWALKS.
- ALL FIELD TIE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM OR EXTENDED TO OUTLET INTO A PROPOSED DRAINAGE WAY. IF THIS CAN BE ACCOMPLISHED, THE TIE SHALL BE REPAIRED WITH NEW PIPE OF SIMILAR SIZE AND MATERIAL TO THE ORIGINAL LINE AND FULLY ACCEPTABLE FOR SERVICE. IF THE LOCATION OF ALL FIELD TIE OR DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE OWNER AND/OR ENGINEER UPON COMPLETION OF THE PROJECT AND ACCURATELY SHOWN ON THE RECORD DRAWINGS.

WT GROUP
 CIVIL DEVELOPERS
 33010 BUTTERFIELD ROAD
 WARRENVILLE, IL 60555

THE PRIDE OF KANE COUNTY
 330573 EAST MAIN STREET
 SAINT CHARLES, ILLINOIS 60174

ISSUE
 TO DATE
 REV. SITE 8/19/19
 REV. SITE 8/19/19
 REV. SITE 8/26/19
 REV. SITE 8/26/19
 REV. SITE 2/19/20
 REV. SITE 2/19/20

CHECK/DRAWN/APP
 JOB-191003C
 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, AND LOCATION 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 MEASUREMENTS SHALL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND 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 EXISTING DRAINAGE CHANNELS, 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, NEIGHBORS 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 6:1 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 SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL, GRADING 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 GRADING SEASON. THE AREAS TO BE WORKED BEYOND THE END OF THE GRADING 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 WITH SEED AND BLANKET OR SOIL AS SHOWN IN THE PLANS, SILT FENCING SHALL BE REMOVED AND THE FRESH 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 70% VEGETATIVE COVER).



THE PRIDE OF KANE COUNTY
3301/573 EAST MAIN STREET
SAINT CHARLES, ILLINOIS 60174

CIMA DEVELOPERS
3001/180 BUTTERFIELD ROAD
WARRENVILLE, IL 60555

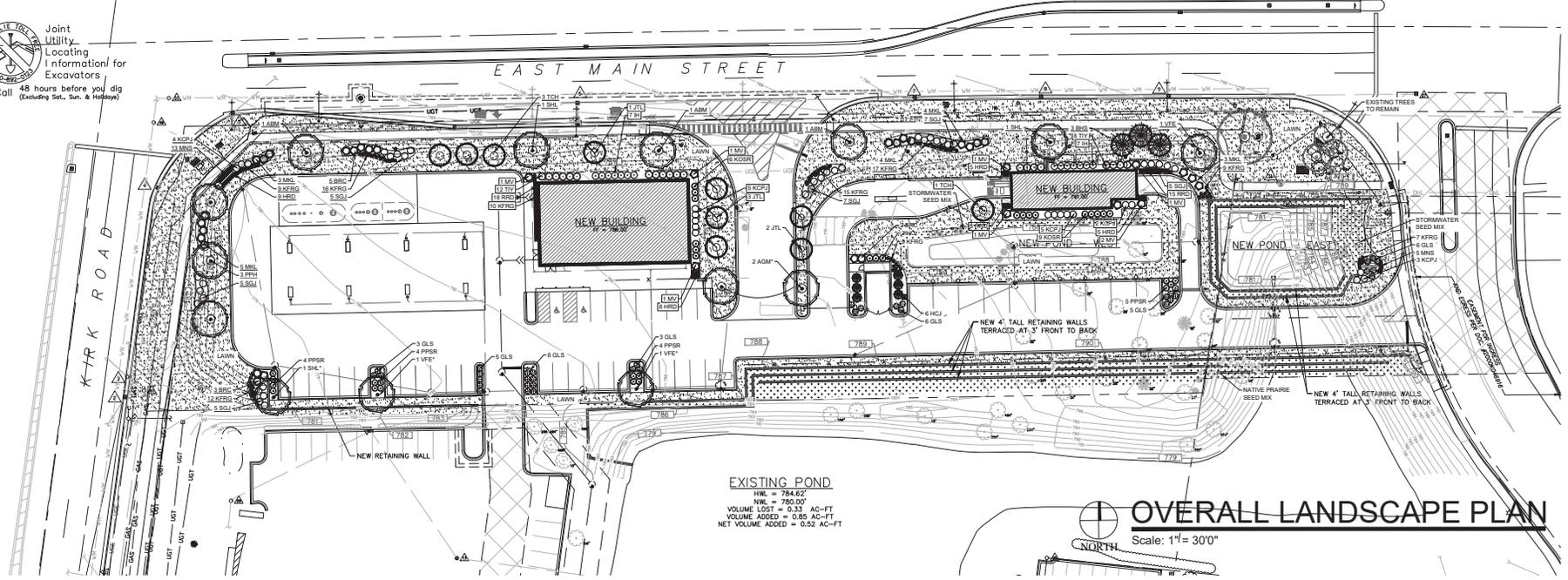
ISSUE

TO	DATE
REV. SITE	8/7/19
REV. SITE	8/18/19
REV. SITE	8/26/19
REV. SITE	11/3/20
REV. SITE	2/6/20
REV. SITE	2/11/20
REV. SITE	2/19/20

CHECK/TO
DRAWN/TEP
JOB:1910803C

C-7.1
PROJECT SPECIFICATIONS

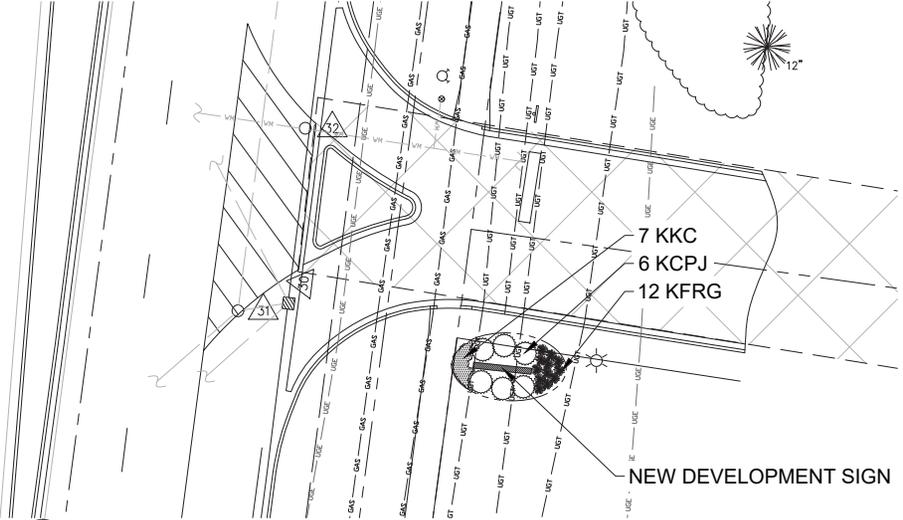
Joint Utility Locating Information for Excavators
Call 48 hours before you dig (Excluding Sat., Sun. & Holidays)



EXISTING POND
HWL = 784.62'
NWL = 790.00'
VOLUME LOST = 0.33 AC-FT
VOLUME ADDED = 0.85 AC-FT
NET VOLUME ADDED = 0.52 AC-FT

OVERALL LANDSCAPE PLAN

Scale: 1" = 30'0"



KIRK ROAD MONUMENT SIGN LANDSCAPE

Scale: 1" = 10'0"

- SHADE TREES (DECIDUOUS)**
 ABM Autumn Blaze Maple
 PRN Prairie Fringe Hackberry
 SHL Skyline Honeylocust
 AGM Autumn Gold Mastodon
 VFE Valley Forge American Elm
- ORNAMENTAL TREES (DECIDUOUS)**
 TCH Thomson's Crabapple Hawthorn
 R3C Red Jewel Flowering Crabapple
 JTL Ivory Silk Japanese Tree Lilac
- EVERGREEN TREES**
 H2J Hect Columnar Juniper (upright)
 B15 Black Hills Spruce
- EVERGREEN SHRUBS**
 S2J Sea Green Juniper
 K2P Kelly Compact Heter Juniper
 T1V Taunton Intermediate Yew
- DECIDUOUS SHRUBS**
 B3C Brilliant Red Chokeberry
 HC Peking Hedge Cotonaster
 IHH Inermidial Hysterogae
 GLS Go Low Fragrant Sumac
 K2R Knock Out Shrub Rose
 P2R Pink Rosemound Spirea Rose
 M2L Mass Kim Dwarf Lilac
 M2V Malibu Viburnum
- ORNAMENTAL GRASSES**
 KFRG Karl Foerster Feather Reed Grass
- HERBACEOUS PERENNIALS**
 H2D Happy Returns Daylily
 H2D2 Happy Returns Daylily
 K2C Dwarf Camellia
 M2S May Night Salvia

PLANT ABBREVIATIONS

- BUILDING FOUNDATION**
STREET FRONTAGE
PARKING ISLAND TREE*

Cardno Native Plant Nursery
 www.cardnonativeplantnursery.com
 128 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	Ounces/Acre
Permanent Grasses/Sedges/Rushes:			
Carex cristatella	Crested Oval Sedge		1.00
Carex flacca	Brittly Cattail Sedge		1.00
Carex lurida	Bottlebrush Sedge		2.00
Carex sparganoides v. cephaloides	Rough-Clustered Sedge		2.00
Carex vulpinoidea	Brown Fox Sedge		6.00
Elymus ovoides	Blunt Spike Rush		0.50
Elymus virginicus	Virginia Wild Ry		12.00
Glyceria striata	Fowl Manns Grass		1.25
Amicus effusus	Common Rush		1.00
Amicus tenuifolius	Taney's Rush		0.25
Leersia oryzoides	Rice Cut Grass		1.00
Panicum virgatum	Switch Grass		2.00
Dark Green Rush			1.00
Scirpus cespitosus	Wood Grass		0.50
Scirpus fluvialis	River Bulrush		0.25
Scirpus validus	Great Bulrush		6.00
Total			48.75
Temporary Cover:			
Ammos colymbifolius	Common Oat		360.00
Lolium multiflorum	Annual Ry		115.00
Total			476.00
Forbs:			
Alisma 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
Mimulus ringens	Monkey Flower		1.00
Pentstemon uloides	Ditch Stonecrop		0.50
Parthenium pennsylvanicum	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			23.25
Approximate area of coverage:			
Total area (SF) of coverage surrounding SMP ponds:			5,085
Total area (Acres) of coverage surrounding SWM ponds:			0.12

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

PROJECT
CIMA: PRIDE OF ST. CHARLES

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

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

SHEET TITLE
OVERALL LANDSCAPE PLAN

PROJECT MANAGER WDH
PROJECT NUMBER 19-066
DATE 03.03.20
SHEET NUMBER

L 1.0

STORMWATER SEED MIX



Joint Utility Locating Excavators
Call 48 hours before you (excluding Sat., Sun. & Hols)

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)

- TCH Thornless Cockspur Hawthorn
- RJFC Red Jewel Flowering Crabapple
- JTL Ivory Silk Japanese Tree Lilac

EVERGREEN TREES

- HCJ Hetsi Columnar Juniper (upright)
- BHS Black Hills Spruce

EVERGREEN SHRUBS

- SGJ Sea Green Juniper
- KCPJ Kallay Compact Pfizer Juniper
- TTY Taunton Intermediate Yew

DECIDUOUS SHRUBS

- BRC Brilliant Red Chokeberry
- HC Peking (Hedge) Cotoneaster
- IH Incredibleball Hydrangea
- GLS Gro Low Fragrant Sumac
- KOSR Knock Out Shrub Rose
- PPSR Pink Pavement Series Rose
- MKL Miss Kim Dwarf Lilac
- MV Mohican Viburnum

ORNAMENTAL GRASSES

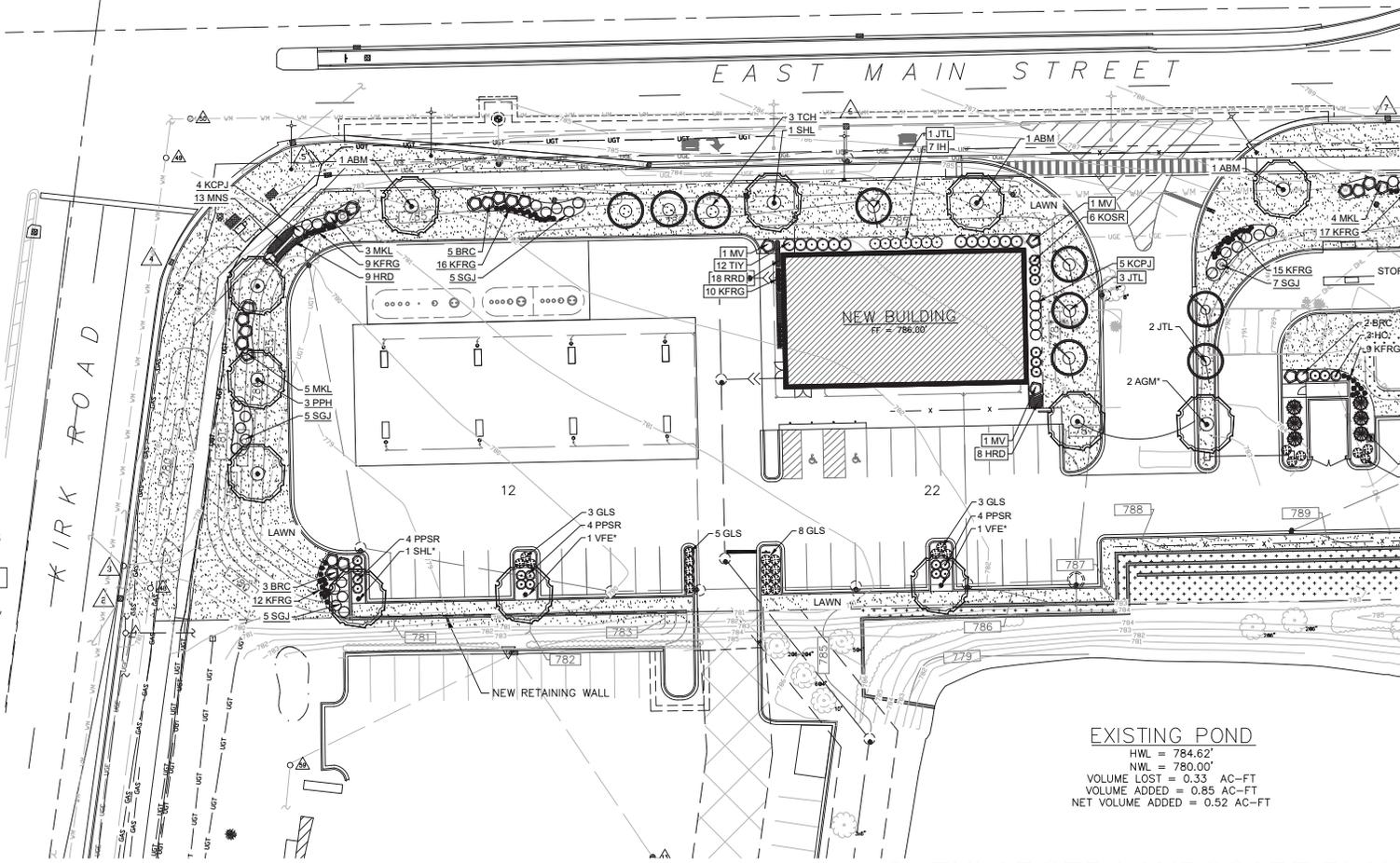
- KFRG Karl Foerster Feather Reed Grass

HERBACEOUS PERENNIALS

- HRD Happy Returns Daylily
- RRO Rosy Returns Daylily
- KKC Dwarf Catmint
- TNS May Night Salvia

PLANT ABBREVIATIONS

- BUILDING FOUNDATION
- STREET FRONTAGE
- PARKING ISLAND TREE*



EXISTING POND
 HWL = 784.62'
 NWL = 780.00'
 VOLUME LOST = 0.33 AC-FT
 VOLUME ADDED = 0.85 AC-FT
 NET VOLUME ADDED = 0.52 AC-FT

ENLARGED LANDSCAPE PLAN
 Scale: 1" = 20'0"



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

PROJECT
CIMA: PRIDE OF ST. CHARLES

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

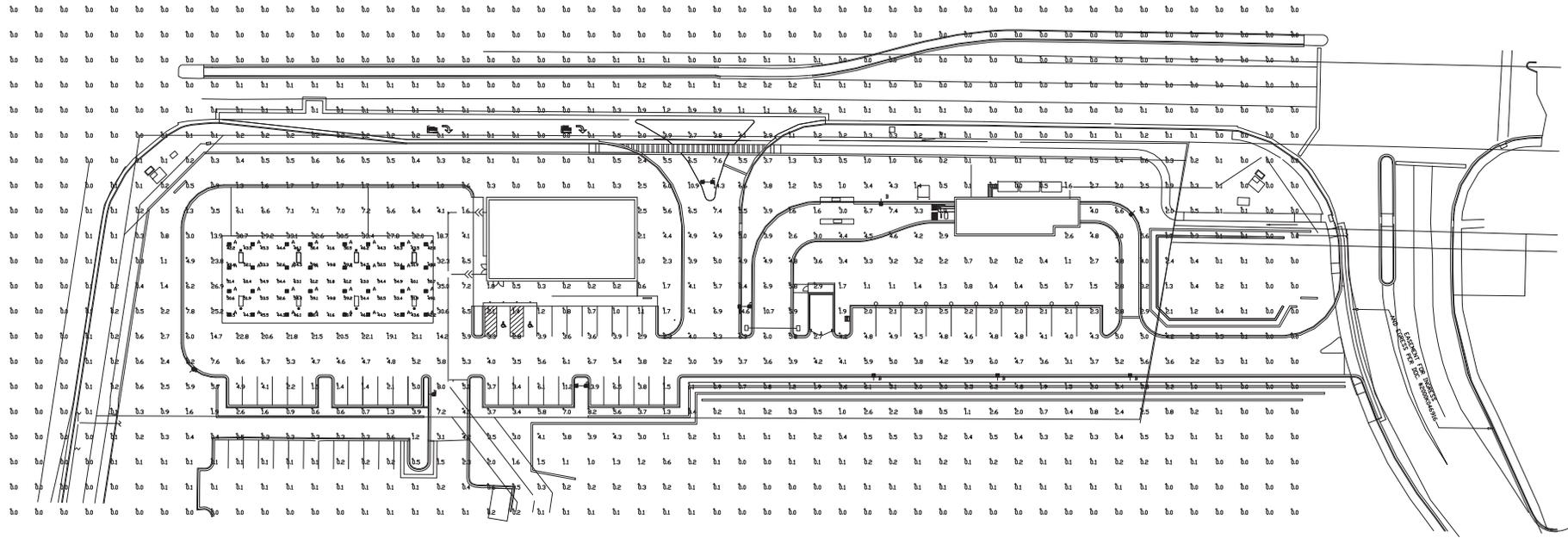
ISSUANCE AND REVISIONS

DATE	DESCRIPTION
10.3.19	ISSUE TO OWNER
10.25.19	REVISIONS
03.03.20	REVISIONS

SHEET TITLE
ENLARGED LANDSCAPE PLAN

PROJECT MANAGER	WDH
PROJECT NUMBER	19-066
DATE	03.03.20
SHEET NUMBER	

L 1.1



Symbol	Qty	Label	Arrangement	Description	LLD	UDF	LLF	Arr. Lum. Lumens	Arr. Watts
[Symbol A]	32	A	SINGLE	SCV-LED-15L-SC-50 MTD @ 15'	1000	1.000	1.000	15410	103
[Symbol B]	7	B	SINGLE	SLM-LED-18L-SIL-FT-50-70CRI-SINGLE-16'POLE+2'BASE	1000	1.000	1.000	19664	148.5
[Symbol C]	3	C	D180	SLM-LED-18L-SIL-FT-50-70CRI-D180-16'POLE+2'BASE	1000	1.000	1.000	39328	297

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	Illuminance	Fc	1.88	35.0	0.0	NA	NA
CANDPY	Illuminance	Fc	50.76	63.1	41.6	1.22	1.52
INSIDE CURB	Illuminance	Fc	7.57	35.0	0.7	10.81	50.00



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 = 5826.5

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

DATE: 01/28/2019
SCALE: 1"=30'

LIGHTING PROPOSAL: LD-148828-1

SHEET 1 OF 1