

01 SITE PLAN
 SCALE: 1/8" = 1'-0"

USE	FORMULA	SF	TOTAL REQUIRED	TOTAL PROPOSED	COMPLIANCE
LOT #2 RESTAURANT	10 per 1000 SF GFA = 15 DRIVE THRU STACKING SPACES 4 PER 1000 SF GFA FOR RETAIL USE	3,940	40 SPACES / 15 STACKING	69 SPACES / 15 STACKING	YES
LOT #3 RETAIL RESTAURANT	10 per 1000 SF GFA = 15 DRIVE THRU STACKING SPACES 4 PER 1000 SF GFA FOR RETAIL USE	RESTAURANT 4,000 SF (MAX RETAIL 3,000 SF MAX)	40 SPACES / 15 STACKING RETAIL - 12 SPACES	62 SPACES / 15 STACKING	YES

REQUIREMENT	PROPOSED	COMPLIANCE
PERIMETER LANDSCAPING	75% WITH LIMITED 20" WIDE AND 1 TREE PER 50 SF	20" Ø WIDE YES
PARKING LOT ISLANDS	MIN 8' Ø WIDE AND 180 SF	8' Ø YES
OUTER PERIMETER LANDSCAPING	10% (25' x 15' = 6,250 SF)	6,234 SF YES
TOTAL SITE LANDSCAPING	20% (113,861.02 = 27,965 SF)	23,426.11 C DETENTION YES
DISTANCE BETWEEN ISLAND	6' Ø	60 SF YES
FOUNDATION LANDSCAPING	8' Ø WIDE MIN. BED AND 75% OF FRONT ELEVATION AND 50% OF SIDE AND REAR ELEVATIONS TO BE LANDSCAPED	75% FRONT 50% SIDE YES
SIEN LANDSCAPING	3' FRONT SIDE EACH	3' EACH DIRECTION YES
TRASH ENCLOSURE	TO BE PAVED AND COVERED WITH 6" Ø CONCRETE	6" CONCRETE ASPHON YES
MECHANICAL SCREENING	ALL ROOF OR GROUND MOUNTED TO BE SCREENED OR HIDDEN FROM VIEW	SCREENED YES

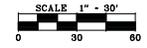
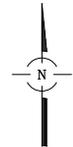
	ALLOWED / PERMITTED	PROPOSED	COMPLIANCE
COUSING	BC	BC	SPECIAL USE (DRIVE THRU)
LAND USE	EXISTING RETAIL SERVICES	RETAIL DRIVE THRU	SPECIAL USE (DRIVE THRU)
LOT SIZE - LOT 2	MIN 43,580 SF	68,038 SF (1.54ac)	YES
LOT SIZE - LOT 3	MIN 43,580 SF	48,418 SF (1.10ac)	YES
BUILDING HEIGHT	40' Ø	33' 10"	YES
MINIMUM FRONT YARD SETBACK	30' Ø BUILDING AND PARKING	27' PARKING	YES
MINIMUM SIDE YARD SETBACK	10' Ø BUILDING	15' Ø	YES
MINIMUM REAR YARD SETBACK	0' Ø PARKING	0' FT	YES
MINIMUM REAR YARD SETBACK	20' Ø BUILDING	30' Ø	YES
LANDSCAPE BUFFER YARDING	MIN 5' MIN. MIN.	N/A	N/A
MAX BUILDING COVERAGE LOT #2	40%	5.7%	YES
MAX BUILDING COVERAGE LOT #3	40%	1.0%	YES
MAX FLOOR AREA LOT #2	75,000 SF	3,940 SF	YES
MAX FLOOR AREA LOT #3	75,000 SF	7,200 SF	YES

FINAL PLAT OF SUBDIVISION BUONA ST. CHARLES

BEING A SUBDIVISION OF THAT PART OF THE SOUTHEAST 1/4 OF SECTION 29 AND PART OF THE NORTHEAST 1/4 OF SECTION 32,
ALL IN TOWNSHIP 40 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, ILLINOIS

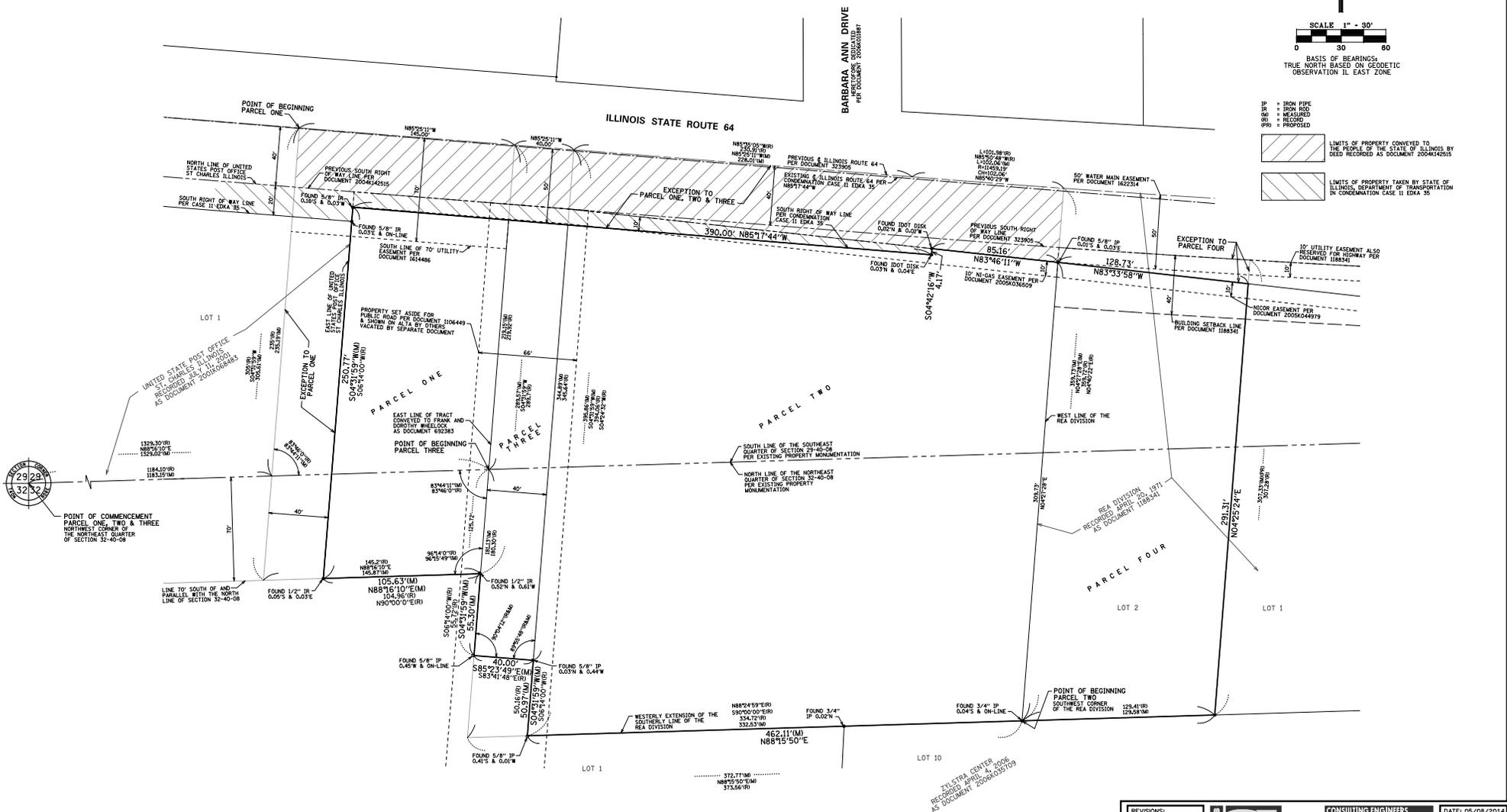
EXISTING BOUNDARY INFORMATION

(SEE SHEET 2 FOR PROPOSED LOT LAYOUT)



BASIS OF BEARINGS:
TRUE NORTH BASED ON GEODETIC
OBSERVATION IL EAST ZONE

- IP = IRON PIPE
 - IR = IRON ROD
 - MM = MEASURED
 - OR = RECORD
 - WPI = WOODEN PIPE
- LIMITS OF PROPERTY CONVEYED TO THE PEOPLE OF THE STATE OF ILLINOIS BY DEED RECORDED AS DOCUMENT 2004K142515
- LIMITS OF PROPERTY TAKEN BY STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION IN CONDEMNATION CASE 11 EDKA 35



PREPARED FOR:
KEYSTONE VENTURES LLC
418 CLINTON PLACE
RIVER FOREST, IL 60305

**FOR REVIEW
PURPOSES ONLY**

REVISIONS:	
06/12/2014	
07/08/2014	



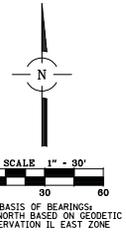
CONSULTING ENGINEERS	DATE: 05/08/2014
SITE DEVELOPMENT ENGINEERS	JOB NO: 8106
LAND SURVEYORS	FILENAME: 8106SUB-01
9575 W. Higgins Road, Suite 700, Rosemont, Illinois 60018 Phone: (847) 696-6060 Fax: (847) 696-6065	SHEET 1 OF 31

FINAL PLAT OF SUBDIVISION BUONA ST. CHARLES

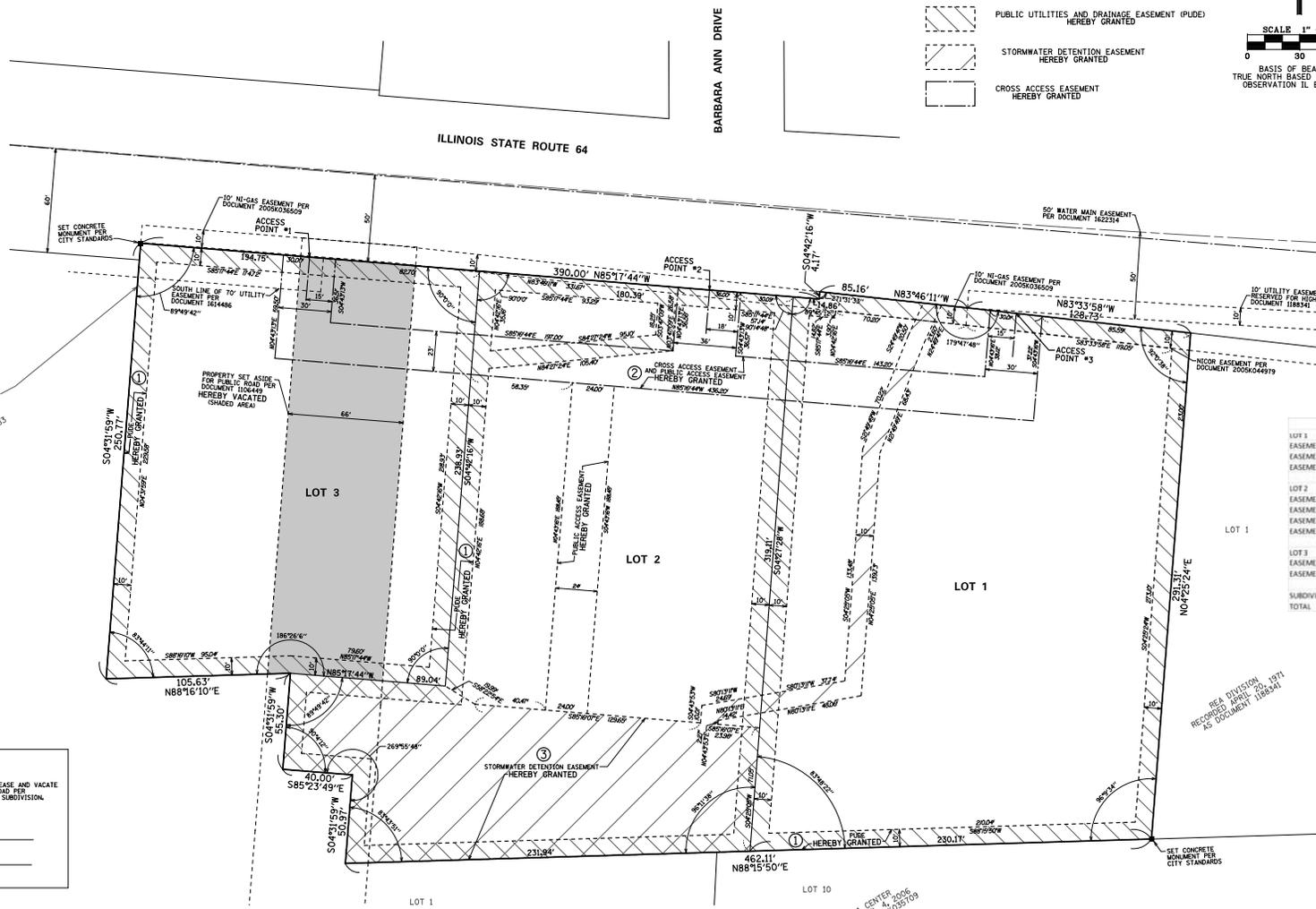
BEING A SUBDIVISION OF THAT PART OF THE SOUTHEAST 1/4 OF SECTION 29 AND PART OF THE NORTHEAST 1/4 OF SECTION 32,
ALL IN TOWNSHIP 40 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, ILLINOIS

PROPOSED LOT LAYOUT

(SEE SHEET 1 FOR EXISTING BOUNDARY INFORMATION)



- PUBLIC UTILITIES AND DRAINAGE EASEMENT (PUDE) HEREBY GRANTED
- STORMWATER DETENTION EASEMENT HEREBY GRANTED
- CROSS ACCESS EASEMENT HEREBY GRANTED



AREA TABLE

	SQ. FT.	ACRES	SQ. FT.	ACRES
LOT 1	70,279	1.614		
EASEMENT 1			10,334	0.237
EASEMENT 2			4,417	0.101
EASEMENT 3			2,812	0.065
LOT 2	66,914	1.536		
EASEMENT 1			12,882	0.296
EASEMENT 2			5,424	0.125
EASEMENT 3			27,484	0.616
LOT 3	47,068	1.080		
EASEMENT 1			3,688	0.085
EASEMENT 2			3,029	0.070
EASEMENT 3			4,523	0.104
SUBDIVISION TOTAL	184,275	4.230		

VACATION CERTIFICATE

THE UNDERSIGNED AUTHORIZED REPRESENTATIVES HEREBY RELEASE AND VACATE ALL RIGHTS WITHIN THE PROPERTY SET ASIDE FOR PUBLIC ROAD PER DOCUMENT 1106449 LOCATED WITHIN THE HEREON DESCRIBED SUBDIVISION.

VILLAGE OF LISLE

BY: _____ NAME: _____ PLEASE PRINT
TITLE: _____ DATE: _____

PREPARED FOR:
KEYSTONE VENTURES LLC
418 CLINTON PLACE
RIVER FOREST, IL 60305

**FOR REVIEW
PURPOSES ONLY**

NOTE:

REVISIONS:	DATE: 05/08/2014
06/12/2014	
07/08/2014	

CONSULTING ENGINEERS	DATE: 05/08/2014
SITE DEVELOPMENT ENGINEERS	JOB NO: 8106
LAND SURVEYORS	FILENAME: 8106SUB-01
	SHEET: 2 OF 3

9575 W. Higgins Road, Suite 700, Rosemont, Illinois 60018
Phone: (847) 696-6060 Fax: (847) 696-6065

FINAL PLAT OF SUBDIVISION BUONA ST. CHARLES

BEING A SUBDIVISION OF THAT PART OF THE SOUTHEAST 1/4 OF SECTION 29 AND PART OF THE NORTHEAST 1/4 OF SECTION 32,
ALL IN TOWNSHIP 40 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, KANE COUNTY, ILLINOIS

CERTIFICATES

P.L.M.
09-29-400-106
09-29-400-107
09-29-400-108
09-29-400-099

OWNER'S CERTIFICATE
STATE OF ILLINOIS)
COUNTY OF _____) SS

THIS IS TO CERTIFY THAT THE UNDERSIGNED IS THE OWNER OF THE LAND DESCRIBED IN THE ANNEXED PLAT, AND THAT HE HAS CAUSED THE SAME TO BE SURVEYED AND SUBDIVIDED AS INDICATED THEREON FOR THE USES AND PURPOSES HEREIN SET FORTH, AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON INDICATED.

ALSO, THIS IS TO CERTIFY THAT PROPERTY BEING, SUBDIVIDED AFORESAID, AND TO THE BEST OF THE OWNER'S KNOWLEDGE AND BELIEF, SAID SUBDIVISION LIES ENTIRELY WITHIN THE LIMITS OF:

ST. CHARLES COMMUNITY UNIT SCHOOL DISTRICT 303
ELGIN COMMUNITY COLLEGE DISTRICT 509

DATED THIS ____ DAY OF _____, A.D. 20 ____.

REGISTERED PROFESSIONAL ENGINEER, LICENSE NO. _____
LICENSE EXPRESS _____

OWNER
ADDRESS _____

SURFACE WATER DRAINAGE CERTIFICATE
STATE OF ILLINOIS)
COUNTY OF _____) SS

TO THE BEST OF OUR KNOWLEDGE AND BELIEF THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF SUCH SUBDIVISION OR ANY PART THEREOF, OR THAT IF SUCH SURFACE WATER DRAINAGE WILL BE CHANGED, ADEQUATE PROVISION HAS BEEN MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREAS OR DRAINS WHICH THE SUBDIVISION HAS A RIGHT TO USE, AND THAT SUCH SURFACE WATERS WILL NOT BE DEPOSITED ON THE PROPERTY OF ADJOINING LAND OWNERS IN SUCH CONCENTRATIONS AS MAY CAUSE DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THE SUBDIVISION.

DATED THIS ____ DAY OF _____, A.D. 20 ____.

REGISTERED PROFESSIONAL ENGINEER, LICENSE NO. _____
LICENSE EXPRESS _____

OWNER'S OR DULY AUTHORIZED ATTORNEY

OWNER'S CERTIFICATE
STATE OF ILLINOIS)
COUNTY OF _____) SS

THIS IS TO CERTIFY THAT THE UNDERSIGNED IS THE OWNER OF THE LAND DESCRIBED IN THE ANNEXED PLAT, AND THAT HE HAS CAUSED THE SAME TO BE SURVEYED AND SUBDIVIDED AS INDICATED THEREON FOR THE USES AND PURPOSES HEREIN SET FORTH, AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON INDICATED.

ALSO, THIS IS TO CERTIFY THAT PROPERTY BEING, SUBDIVIDED AFORESAID, AND TO THE BEST OF THE OWNER'S KNOWLEDGE AND BELIEF, SAID SUBDIVISION LIES ENTIRELY WITHIN THE LIMITS OF:

ST. CHARLES COMMUNITY UNIT SCHOOL DISTRICT 303
ELGIN COMMUNITY COLLEGE DISTRICT 509

DATED THIS ____ DAY OF _____, A.D. 20 ____.

REGISTERED PROFESSIONAL ENGINEER, LICENSE NO. _____
LICENSE EXPRESS _____

OWNER
ADDRESS _____

OWNER'S CERTIFICATE
STATE OF ILLINOIS)
COUNTY OF _____) SS

THIS IS TO CERTIFY THAT THE UNDERSIGNED IS THE OWNER OF THE LAND DESCRIBED IN THE ANNEXED PLAT, AND THAT HE HAS CAUSED THE SAME TO BE SURVEYED AND SUBDIVIDED AS INDICATED THEREON FOR THE USES AND PURPOSES HEREIN SET FORTH, AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON INDICATED.

ALSO, THIS IS TO CERTIFY THAT PROPERTY BEING, SUBDIVIDED AFORESAID, AND TO THE BEST OF THE OWNER'S KNOWLEDGE AND BELIEF, SAID SUBDIVISION LIES ENTIRELY WITHIN THE LIMITS OF:

ST. CHARLES COMMUNITY UNIT SCHOOL DISTRICT 303
ELGIN COMMUNITY COLLEGE DISTRICT 509

DATED THIS ____ DAY OF _____, A.D. 20 ____.

REGISTERED PROFESSIONAL ENGINEER, LICENSE NO. _____
LICENSE EXPRESS _____

OWNER
ADDRESS _____

SURVEYOR'S CERTIFICATE
STATE OF ILLINOIS)
COUNTY OF COOK)

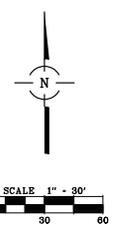
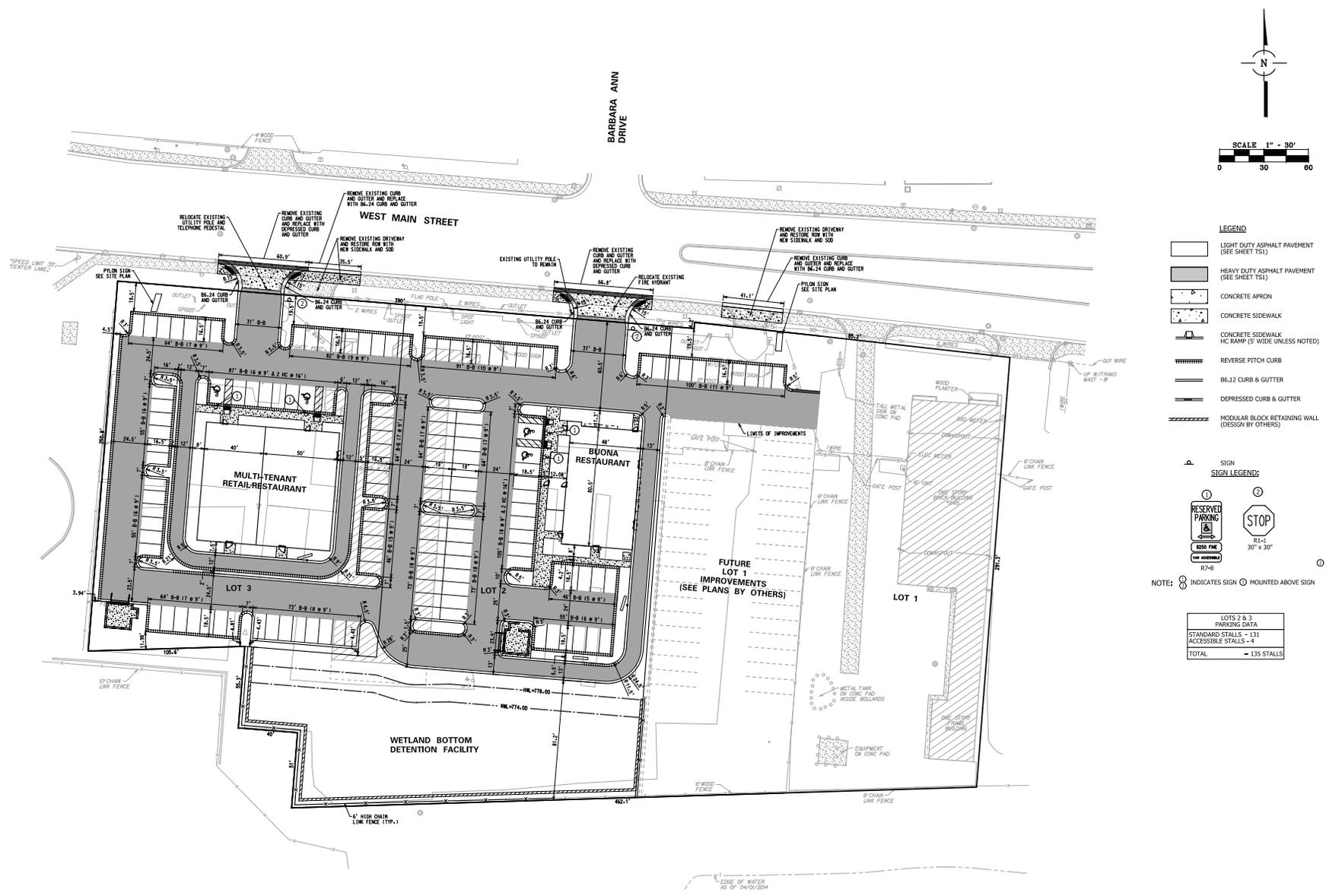
WE DECLARE THAT THE FOLLOWING DESCRIBED PROPERTY WAS SURVEYED AND SUBDIVIDED BY SPACED, INC. AN ILLINOIS PROFESSIONAL DESIGN FIRM, NUMBER 184-00171.

PARCEL ONE:

THAT PART OF THE SOUTHEAST 1/4 OF SECTION 29 AND PART OF THE NORTHEAST 1/4 OF SECTION 30, ALL IN TOWNSHIP 40 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS COMMENCING AT THE NORTHWEST CORNER OF SAID NORTHEAST 1/4, THENCE EAST ALONG THE NORTH LINE OF SAID NORTHEAST 1/4 118.60 FEET, THENCE NORTHERLY ALONG A LINE MAKING AN ANGLE OF 83 DEGREES 46 MINUTES 05 SECONDS, MEASURED FROM EAST TO NORTH, WITH THE NORTH LINE OF SAID SECTION 30, 235 FEET, THENCE EAST ALONG THE NORTH LINE OF SAID SECTION 30, 146.2 FEET, THENCE EAST PARALLEL WITH THE NORTH LINE OF SAID SECTION 30, 146.2 FEET, THENCE NORTHERLY ALONG A LINE MAKING AN ANGLE OF 96 DEGREES 14 MINUTES 05 SECONDS, MEASURED FROM WEST TO NORTH, WITH THE LAST DESCRIBED LINE, 29.67 FEET TO THE CENTER LINE OF STATE ROUTE 94 AS AFORESAID, SAID WESTERLY ALONG SAID CENTER LINE, 146.2 FEET TO THE POINT BEGINNING, EXCEPT THAT LYING IN UNITED STATES POST OFFICE SUBDIVISION PLAT DOCUMENT 2000K0489 AND ALSO EXCEPT THAT CONVICTED TO DOCUMENT 2000K0489, ALSO EXCEPT THAT TAKEN BY STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION IN CASE 31 EDKX 350, IN THE CITY OF ST. CHARLES, KANE COUNTY, ILLINOIS.

PARCEL TWO:

THAT PART OF THE SOUTHEAST 1/4 OF SECTION 29 AND PART OF THE NORTHEAST 1/4 OF SECTION 30, TOWNSHIP 40 NORTH, RANGE 8 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS COMMENCING AT THE NORTHWEST CORNER OF SAID NORTHEAST 1/4, THENCE EAST ALONG THE NORTH LINE OF SAID NORTHEAST 1/4 104.00 FEET, THENCE SOUTHERLY ALONG A LINE FORMING AN ANGLE OF 81 DEGREES 46 MINUTES 05 SECONDS, AS MEASURED FROM WEST TO SOUTH, WITH THE NORTH LINE OF SAID SECTION 30, 182.00 FEET, THENCE EAST PARALLEL WITH THE NORTH LINE OF SAID SECTION 30, 37.66 FEET TO THE SOUTHWEST CORNER OF REA DIVISION, A SUBDIVISION OF PART OF SAID SECTION 30, 22 FEET, THENCE EAST PARALLEL WITH THE NORTH LINE OF SAID SECTION 30, 146.2 FEET, THENCE EAST PARALLEL WITH THE NORTH LINE OF SAID SECTION 30, 146.2 FEET, THENCE NORTHERLY ALONG A LINE MAKING AN ANGLE OF 83 DEGREES 46 MINUTES 05 SECONDS, AS MEASURED FROM WEST TO NORTH, WITH THE NORTH LINE OF SAID SECTION 30, 235 FEET, THENCE EAST ALONG THE NORTH LINE OF SAID SECTION 30, 146.2 FEET, THENCE NORTHERLY ALONG A LINE MAKING AN ANGLE OF 96 DEGREES 14 MINUTES 05 SECONDS, MEASURED FROM WEST TO NORTH, WITH THE LAST DESCRIBED LINE, 29.67 FEET TO THE CENTER LINE OF STATE ROUTE 94 AS AFORESAID, SAID WESTERLY ALONG SAID CENTER LINE, 146.2 FEET TO THE POINT BEGINNING, EXCEPT THAT LYING IN UNITED STATES POST OFFICE SUBDIVISION PLAT DOCUMENT 2000K0489 AND ALSO EXCEPT THAT CONVICTED TO DOCUMENT 2000K0489, ALSO EXCEPT THAT TAKEN BY STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION IN CASE 31 EDKX 350, IN THE CITY OF ST. CHARLES, KANE COUNTY, ILLINOIS.



- LEGEND**
- [Symbol] LIGHT DUTY ASPHALT PAVEMENT (SEE SHEET TS1)
 - [Symbol] HEAVY DUTY ASPHALT PAVEMENT (SEE SHEET TS1)
 - [Symbol] CONCRETE APRON
 - [Symbol] CONCRETE SIDEWALK
 - [Symbol] CONCRETE SIDEWALK HC RAMP (5' WIDE UNLESS NOTED)
 - [Symbol] REVERSE PITCH CURB
 - [Symbol] 86.12 CURB & GUTTER
 - [Symbol] DEPRESSED CURB & GUTTER
 - [Symbol] MODULAR BLOCK RETAINING WALL (DESIGN BY OTHERS)

- SIGN LEGENDS:**
- [Symbol] RESERVED PARKING (R1-1 30' x 30')
 - [Symbol] STOP (R1-1 30' x 30')
- NOTE: [Symbol] INDICATES SIGN [Symbol] MOUNTED ABOVE SIGN

LOTS 2 & 3 PARKING DATA
STANDARD STALLS - 131
ACCESSIBLE STALLS - 4
TOTAL - 135 STALLS

NO.	DATE	REMARKS

NO.	DATE	REMARKS

GEOMETRIC PLAN
BUONA BEEF
2425 WEST MAIN STREET
 ST. CHARLES, ILLINOIS

CONSULTING ENGINEERS
LAND DEVELOPMENT ENGINEERS
LAND SURVEYORS

9375 W. North Branch, Suite 200
 Rosemont, W. Va. 60018
 Phone: (847) 694-6500 Fax: (847) 694-6505



FILENAME:
8309CM.DGN

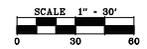
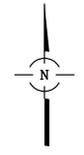
DATE:
05/16/14

JOB NO.
8306

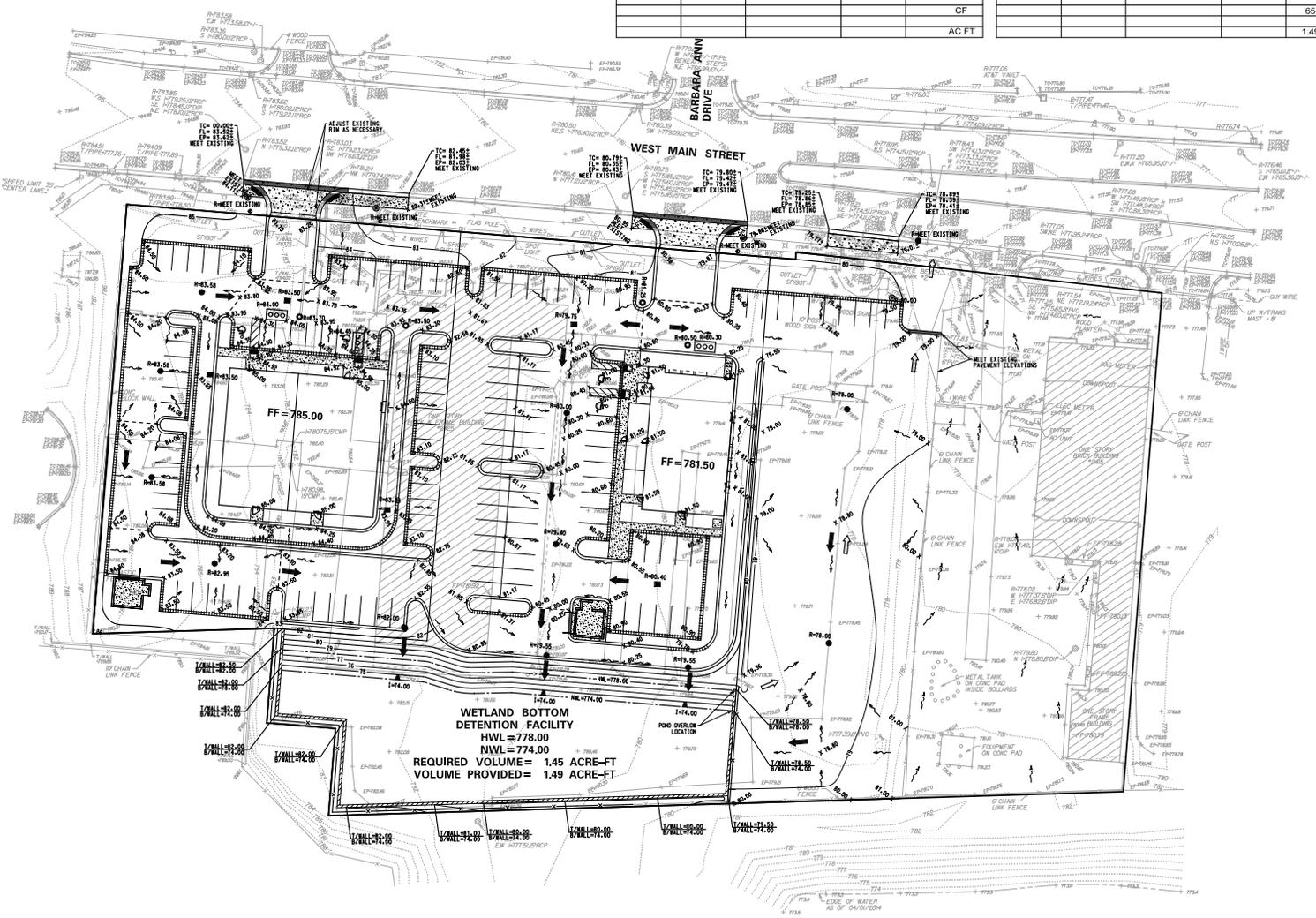
SHEET
GM
4 OF 12

AS-CONSTRUCTED VOLUME CALCULATIONS				
ELEV	AREA (SF)	AVERAGE AREA (SF)	HEIGHT (FT)	VOLUME (CF)
NWL - 774			1	
775			1	
776			1	
777			1	
HWL - 778			1	
				CF
				AC FT

PROPOSED VOLUME VOLUME CALCULATIONS				
ELEV	AREA (SF)	AVERAGE AREA (SF)	HEIGHT (FT)	VOLUME (CF)
NWL - 774	14,671	15,306	1	15,306
775	15,402	15,797	1	15,797
776	16,193	16,588	1	16,588
777	16,984	17,379	1	17,379
HWL - 778	17,774			
				65,070 CF
				1.49 AC FT



- LEGEND**
- FF FINISHED FLOOR
 - LOCAL DRAINAGE
 - EXISTING LOCAL RENTAL MAX DRAINAGE
 - OVERLAND FLOW ROUTE
 - 100 YEAR OVERLAND FLOW ROUTE
 - LOCAL DRAINAGE DIVIDE
 - X XX.XX SPOT GRADE
- NOTES:**
- ADD 700 TO ELEVATIONS SHOWN AS XX.XX.
 - ALL CURB AND GUTTER IS STANDARD PITCH UNLESS NOTED OTHERWISE.
 - ALL SPOT GRADES ALONG CURB LINE ARE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.
 - ALL RETAINING WALLS GREATER THAN 4' IN HEIGHT WILL REQUIRE STRUCTURAL CALCULATIONS SIGNED AND SEALED BY A LICENSED ILLINOIS STRUCTURAL ENGINEER. THESE CALCULATIONS SHALL BE SUBMITTED TO THE CITY OF ST. CHARLES A MINIMUM OF 90 DAYS PRIOR TO CONSTRUCTION OF THE WALL.



**WETLAND BOTTOM
DETENTION FACILITY**
 HWL = 778.00
 REQUIRED VOLUME = 1.45 ACRE-FT
 VOLUME PROVIDED = 1.49 ACRE-FT

NO.	DATE	REMARKS
1	07/07/14	PER CITY OF ST. CHARLES

NO.	DATE	REMARKS

GRADING PLAN
BUONA BEEF
2425 WEST MAIN STREET
 ST. CHARLES, ILLINOIS

CONSULTING ENGINEERS
SPACED INC.
 LAND SURVEYORS
 9375 W. North Branch, Suite 700
 Rosemont, IL 60018
 Phone: (847) 694-6500 Fax: (847) 694-6505

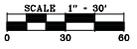
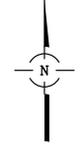
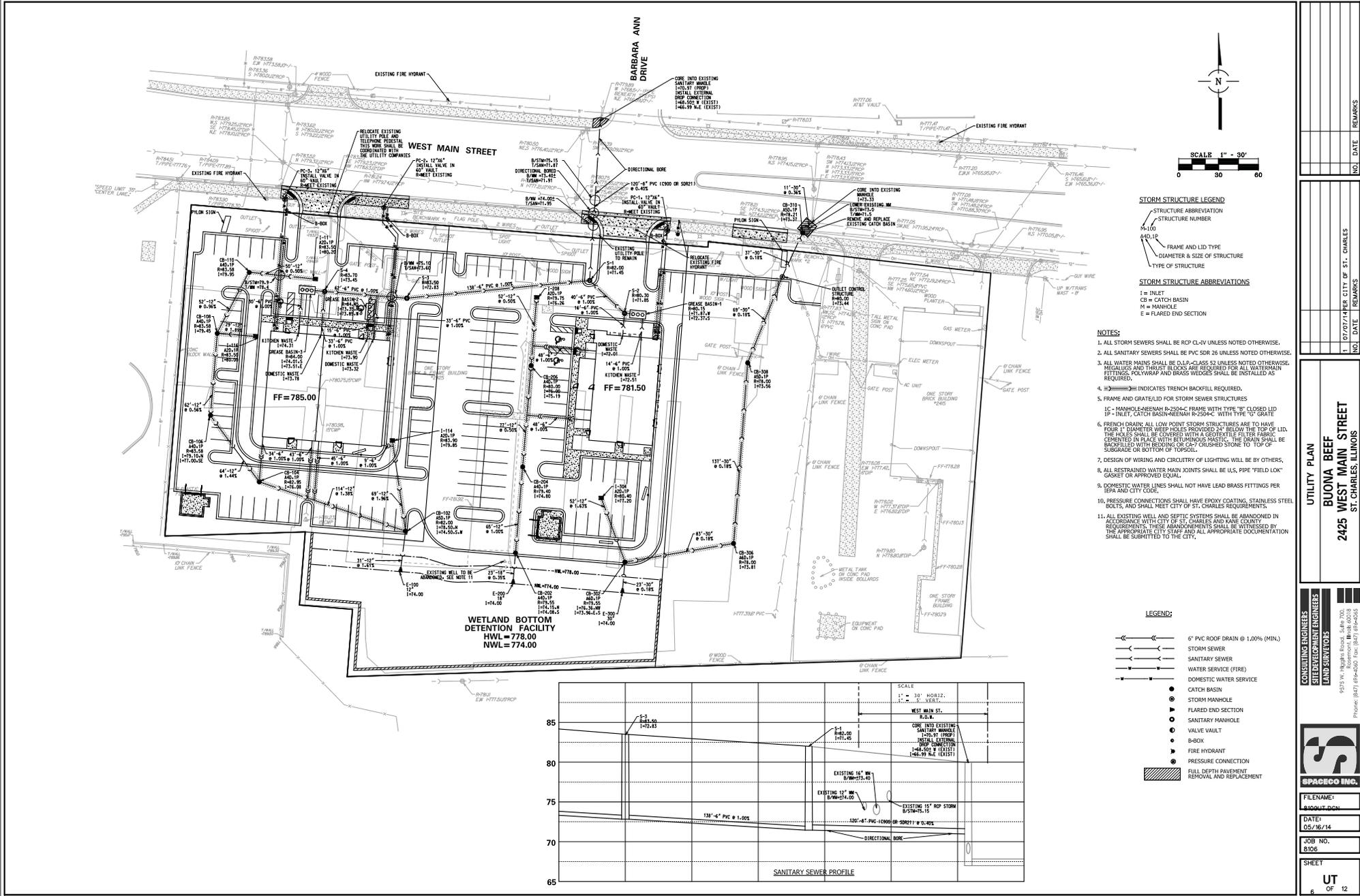


FILENAME:
 8309CS.DGN

DATE: 05/16/14

JOB NO. 8306

SHEET **GR**
5 OF 12



STORM STRUCTURE LEGEND

STRUCTURE ABBREVIATION
 STRUCTURE NUMBER
 N=110
 ADD.11
 FRAME AND LID TYPE
 DIAMETER & SIZE OF STRUCTURE
 TYPE OF STRUCTURE

STORM STRUCTURE ABBREVIATIONS

I = INLET
 CB = CATCH BASIN
 M = MANHOLE
 E = FLARED END SECTION

- NOTES:**
1. ALL STORM SEWERS SHALL BE RCP CL-IV UNLESS NOTED OTHERWISE.
 2. ALL SANITARY SEWERS SHALL BE PVC SDR 26 UNLESS NOTED OTHERWISE.
 3. ALL WATER MAINS SHALL BE D.I.P. CLASS 52 UNLESS NOTED OTHERWISE. METALLIC AND THRUST BLOCKS ARE REQUIRED FOR ALL WATERMAIN FITTINGS. POLYWRAP AND BRASS WEDGES SHALL BE INSTALLED AS REQUIRED.
 4. [Symbol] INDICATES TRENCH BACKFILL REQUIRED.
 5. FRAME AND GRATE/LID FOR STORM SEWER STRUCTURES
 1C - MANHOLE-MENHOL R-2504-C FRAME WITH TYPE "B" CLOSED LID
 IF - INLET, CATCH BASIN/ENHOL R-2504-C WITH TYPE "D" GRATE
 6. FRENCH DRAIN: ALL LOW POINT STORM STRUCTURES ARE TO HAVE FOUR 1" DIAMETER WEEP HOLES PROVIDED 24" BELOW THE TOP OF THE LID. THE HOLES SHALL BE COVERED WITH A GROUTED FILTER FABRIC CEMENTED IN PLACE WITH BITUMINOUS MASTIC. THE DRAIN SHALL BE BACKFILLED WITH BRICK OR 2" CRUSHED STONE TO TOP OF SUBGRADE OR BOTTOM OF TOPSOIL.
 7. DESIGN OF WIRING AND CIRCUITRY OF LIGHTING WILL BE BY OTHERS.
 8. ALL RESTRAINED WATER MAIN JOINTS SHALL BE U.S. FINE "FIELD LOK" GASKET OR APPROVED EQUAL.
 9. DOMESTIC WATER LINES SHALL NOT HAVE LEAD BRASS FITTINGS PER EPA AND CITY CODE.
 10. PRESSURE CONNECTIONS SHALL HAVE EPOXY COATING, STAINLESS STEEL BOLTS, AND SHALL MEET CITY OF ST. CHARLES REQUIREMENTS.
 11. ALL EXISTING WELL AND SEPTIC SYSTEMS SHALL BE ABANDONED IN ACCORDANCE WITH CITY OF ST. CHARLES AND MOBILE COUNTY REQUIREMENTS. THESE ABANDONMENTS SHALL BE WITNESSED BY THE APPROPRIATE CITY AND ALL APPROPRIATE DOCUMENTATION SHALL BE SUBMITTED TO THE CITY.

- LEGEND:**
- 6" PVC RCP DRAIN @ 1.00% (MIN.)
 - STORM SEWER
 - SANITARY SEWER
 - WATER SERVICE (FIRE)
 - DOMESTIC WATER SERVICE
 - CATCH BASIN
 - STORM MANHOLE
 - FLARED END SECTION
 - SANITARY MANHOLE
 - VALVE VAULT
 - B-BOX
 - FIRE HYDRANT
 - PRESSURE CONNECTION
 - FULL DEPTH PAVEMENT REMOVAL AND REPLACEMENT

NO.	DATE	REMARKS
1	07/07/14	CITY OF ST. CHARLES

NO.	DATE	REMARKS
1	07/07/14	CITY OF ST. CHARLES

UTILITY PLAN
BUONA BEEF
2425 WEST MAIN STREET
ST. CHARLES, ILLINOIS

CONSULTING ENGINEERS
LAND SURVEYORS
 9375 W. High Road, Suite 200
 Rosemont, IL 60018
 Phone: (847) 694-6500 Fax: (847) 694-6505



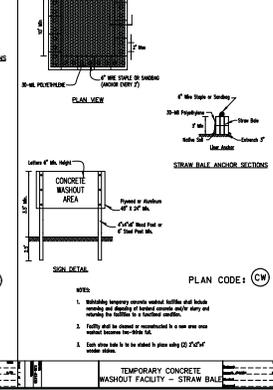
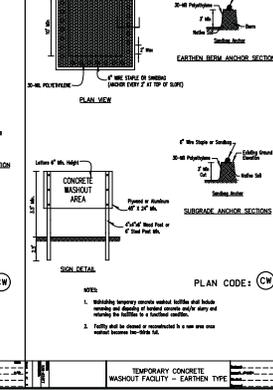
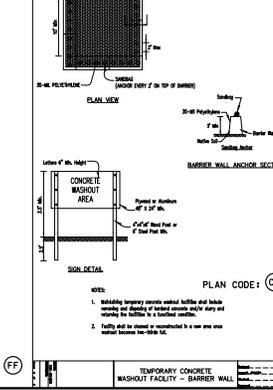
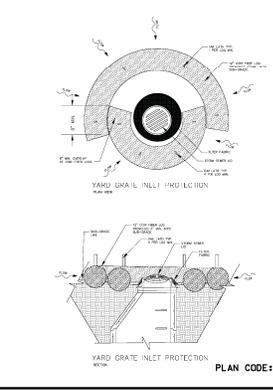
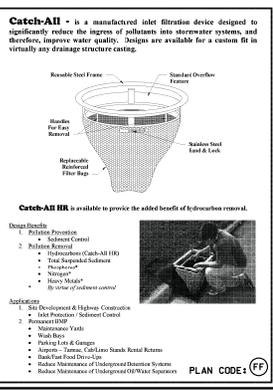
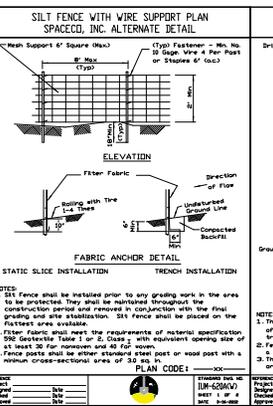
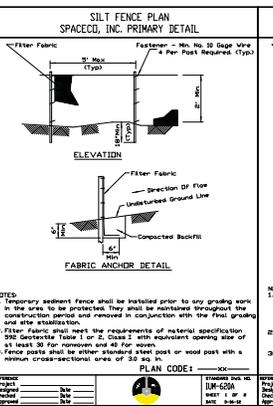
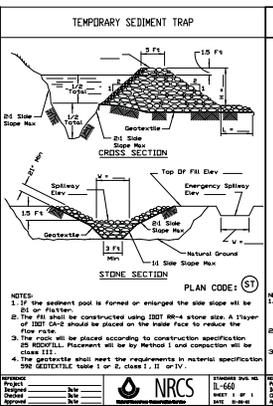
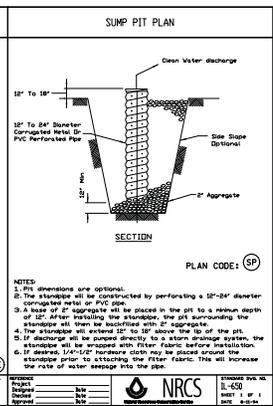
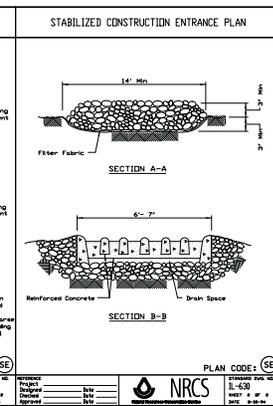
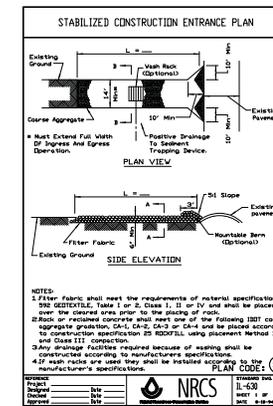
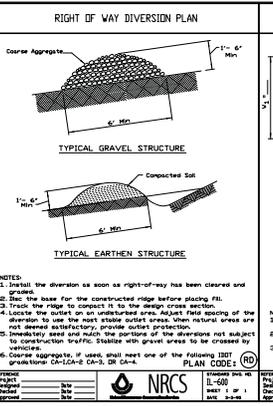
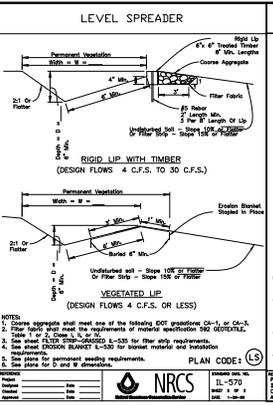
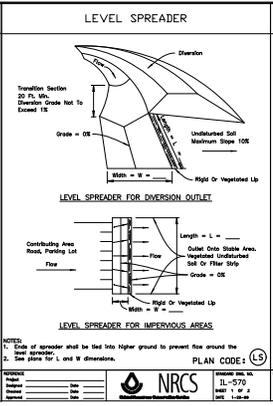
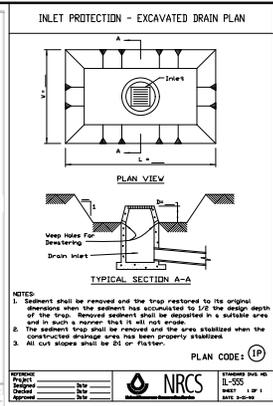
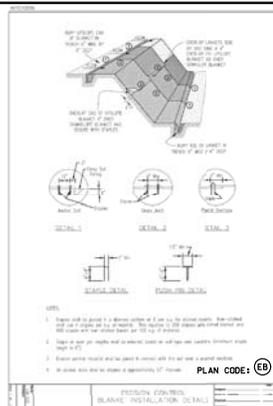
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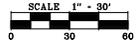
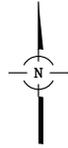
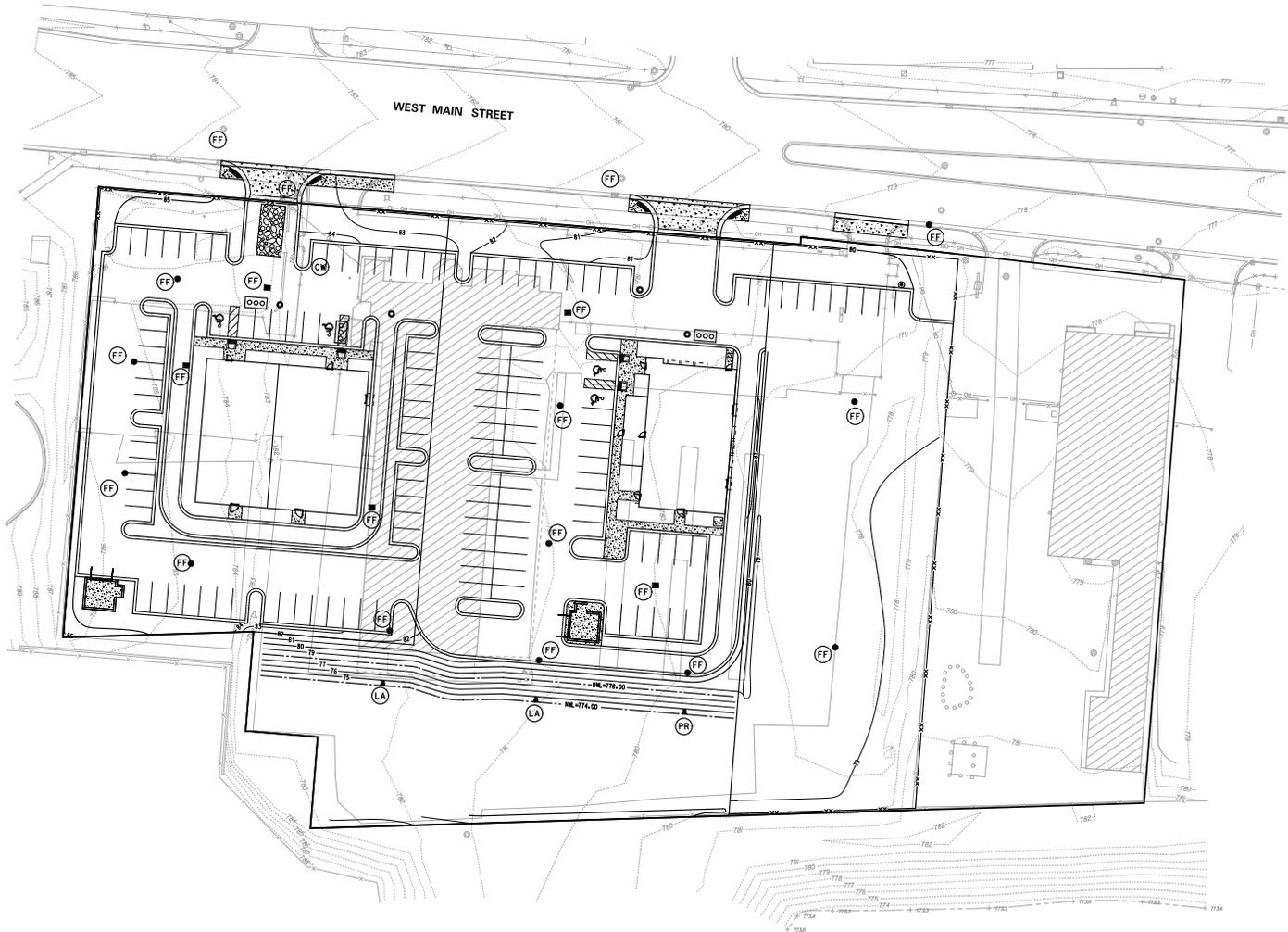
DATE:
 05/16/14

JOB NO.
 8106

SHEET
 6 OF 12

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SYMBOL LEGEND

-  STABILIZED CONSTRUCTION ENTRANCE
-  SILT FENCE
-  FABRIC FILTER (CATCH ALL)
-  PAVING
-  PERMANENT SEEDING
-  LINED APRON
-  CONCRETE PAVEMENT
-  PERFORATED RISER
-  CONCRETE WASHOUT

NO.	DATE	REMARKS

NO.	DATE	REMARKS
1	07/07/14	PER CITY OF ST. CHARLES

SOIL EROSION AND SEDIMENT CONTROL PLAN
BUONA BEEF
2425 WEST MAIN STREET
ST. CHARLES, ILLINOIS

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS
 9575 N. Highways Road, Suite 700
 Rosemont, IL 60018
 Phone: (847) 694-0000 Fax: (847) 694-0005



FILENAME:
8309SE03.DGN

DATE:
05/16/14

JOB NO.
8306

SHEET
SE3

9 OF 12

CITY OF ST. CHARLES GENERAL NOTES
 THE CITY OF ST. CHARLES ENGINEERING DEPARTMENT SHALL BE NOTIFIED 48 HOURS PRIOR TO THE START OF WORK. ALL DISCREPANCIES FOUND SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER AND NOT BE CORRECTED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ENGINEER.

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Minimum Restrained Lengths (in feet)
 back from both sides of fitting

Fitting type/nominal size	4"	6"	8"	10"	12"	16"
90 Degree Bend	11	15	18	22	24	30
45 Degree Bend	7	10	12	14	16	24
22.5 Degree Bend	3	5	6	8	9	12
11.25 Degree Bend	2	3	3	4	4	6
Slotted Tee	38	56	70	87	103	134
90° Tee	14	23	30	37	43	55
45° Tee	8	14	18	23	27	33
22.5° Tee	4	7	9	11	13	16
11.25° Tee	2	3	4	5	6	8
Tea Run in Branch ***	8"	11	13	16	19	24
Tea Run in Branch ***	8"	11	13	16	19	24
Tea Run in Branch ***	12"	16	19	23	28	35
Tea Run in Branch ***	12"	16	19	23	28	35
Reducer ***	8"	11	13	16	19	24
Reducer ***	8"	11	13	16	19	24
Reducer ***	10"	14	17	21	25	31
Reducer ***	10"	14	17	21	25	31
Reducer ***	12"	16	19	23	28	35

Water Main Restraint
 DATE: 9-21-09

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GENERAL NOTES
 THE CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO THE START OF WORK. ANY DISCREPANCIES FOUND SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER AND NOT BE CORRECTED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ENGINEER.

WATER MAIN
 IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE OR REPLACE ANY DAMAGED OR DISTURBED FACILITIES AT HIS OR HER EXPENSE TO THE SATISFACTION OF THE ENGINEER.
 ALL WATERMAIN SHALL BE DUCTILE IRON PIPE CLASS 52 IN ACCORDANCE WITH A.N.S.I. A21.51-1976 (AWWA C-151-76) WITH GEMENT MORTAR LINING IN ACCORDANCE WITH A.N.S.I. A21.44-1974 (AWWA C-104-74) AND RUSH ON JOINTS IN ACCORDANCE WITH A.N.S.I. A21.11-1972 (AWWA C-111-72) OR THE LATEST EDITION OF THE ABOVE SPECIFICATIONS.
 WHEN MECHANICAL JOINTS ARE INDICATED ON THE PLANS THEY ARE TO CONFORM TO THE ABOVE SPECIFICATIONS.

STORM SEWERS / DRAINAGE
 WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY CONNECTIONS TO ALL PRIVATE AND PUBLIC DRAINS, SEWERS, OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME TO THE PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET, AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER FROM TEMPORARY CONNECTIONS UNTIL PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. ALL PUMPING SHALL ENTER A SETTLING BASIN SYSTEM, APPROVED BY THE ENGINEER, BEFORE PASSING INTO THE EXISTING DRAINAGE SYSTEM. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCIDENTAL TO THE CONTRACT.

STANDARD SPECIFICATIONS
 THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS AS ADOPTED JANUARY 1, 2007, AND ANY REVISIONS THERE TO, ARE INCORPORATED HEREIN BY REFERENCE AND SHALL BE REFERRED TO AS "STANDARD SPECIFICATIONS".
 ALL REFERENCES BY THE STANDARD SPECIFICATIONS TO THE BASIS OF PAYMENT IS HEREBY DELETED. COMPENSATION TO THE CONTRACTORS SHALL BE MADE ON THE BASIS OF THE UNIT PRICES AND PAY ITEMS INDICATED IN THE SCHEDULE OF PRICES, AND SUCH COMPENSATION SHALL BE CONSIDERED PAYMENT IN FULL FOR ALL WORK. ITEMS OF WORK FOR WHICH NO SEPARATE PAY ITEMS ARE INDICATED SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

SAFETY AND PRECAUTION
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF ALL AND SHALL PROVIDE THE NECESSARY PROTECTION TO PREVENT DAMAGE INJURY OR LOSS TO:
 1. ALL EMPLOYEES ON THE WORK AND OTHER PERSONS AND ORGANIZATIONS WHO MAY BE AFFECTED THEREBY.
 2. ALL THE WORK AND MATERIALS AND EQUIPMENT TO BE INCORPORATED THEREIN, WHETHER IN STORAGE ON OR OFF THE SITE; AND
 3. OTHER PROPERTY AT THE SITE OR ADJACENT THERETO, INCLUDING TREES, SURFS, LANDS, MEANS OF TRANSPORTATION, HIGHWAYS, STRUCTURES, UTILITIES AND UNDERGROUND FACILITIES NOT DESIGNATED FOR REMOVAL, RELOCATION OR REPLACEMENT IN THE COURSE OF CONSTRUCTION.
 CONTRACTOR SHALL DESIGNATE A RESPONSIBLE REPRESENTATIVE AT THE SITE WHOSE DUTY SHALL BE THE PREVENTION OF ACCIDENTS. THIS PERSON SHALL BE THE CONTRACTOR'S SUPERINTENDENT UNLESS OTHERWISE DESIGNATED IN WRITING BY THE CONTRACTOR TO THE OWNER.

RECORD DRAWINGS CONTRACTOR'S RESPONSIBILITY
 CONTRACTOR SHALL OBTAIN THE SERVICES OF AN ILLINOIS PROFESSIONAL ENGINEER OR A PROFESSIONAL ILLINOIS LAND SURVEYOR TO PREPARE RECORD DRAWINGS SHOWING THE ELEVATION OF ALL RIMS AND INVERTS OF ALL EXISTING AND ALL NEW STRUCTURES, FITS AND CONNECTIONS AT THE WORK UNDERGROUND PIPES, STREET LIGHTS, PAVEMENT & CURB GRADINGS AND RECORD THE INFORMATION ON RECORD DRAWINGS AT THE WORK. UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL FURNISH A COMPLETE SET OF REPRODUCIBLE RECORD DRAWINGS SIGNED AND SEALED BY AN ILLINOIS PROFESSIONAL ENGINEER OR A PROFESSIONAL ILLINOIS LAND SURVEYOR.

CONSTRUCTION LAYOUT
 THE CONTRACTOR SHALL RETAIN THE SERVICES OF A ILLINOIS PROFESSIONAL SURVEYOR TO STAKE OUT THE GRADE AND HORIZONTAL LAYOUT OF THE NEW WORK. THE CONTRACTOR SHALL NOT BE PAID FOR SEPARATELY AND SHALL BE INCIDENTAL TO THE CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND PRESERVE ANY ESTABLISHED REFERENCE POINTS AND STAKES AND SHALL MAKE NO CHANGES OR RELOCATIONS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE OWNER. CONTRACTOR SHALL REPORT TO ENGINEER WHENEVER ANY REFERENCE POINT IS LOST OR DESTROYED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR RELOCATING ANY CHANGES IN GRADES OR LOCATIONS, AND SHALL BE RESPONSIBLE FOR THE RECORD PLATTING, MEASUREMENT OR SURVEYING PERSONNEL AT HIS OR HER OWN EXPENSE.

FINAL ADJUSTMENTS OF FRAMES, GRATES AND LIDS
 THE CONTRACTOR SHALL MAKE ALL NECESSARY FINAL ADJUSTMENTS TO EXISTING AND PROPOSED FRAMES, GRATES, LIDS AND STRUCTURES TO MEET FINAL FINISHED GRADINGS.
 PROJECT CLOSE OUT
 THE CONTRACTORS SHALL MAKE ALL NECESSARY ARRANGEMENTS, NOTIFY ALL NECESSARY AGENCIES, SIGNATURES AND DOCUMENTS, AND FURNISH "RECORD DRAWINGS" FOR THE FINAL INSPECTION AND APPROVAL OF THE OWNER.
 THESE PLANS ARE NOT TO BE USED FOR BUILDING LAYOUT.
 TRENCH BACKFILL
 ALL TRENCHES UNDER OR WITHIN TWO(2) FEET OF EXISTING OR PROPOSED PAVING LOTS/DRIVES/ DRIVEWAYS SHALL BE BACKFILLED WITH TRENCH BACKFILL IN ACCORDANCE WITH STANDARD SPECIFICATIONS "SECTION 200, TRENCH BACKFILL".

CONSTRUCTION LAYOUT
 THE CONTRACTOR SHALL RETAIN THE SERVICES OF A ILLINOIS PROFESSIONAL SURVEYOR TO STAKE OUT THE GRADE AND HORIZONTAL LAYOUT OF THE NEW WORK. THE CONTRACTOR SHALL NOT BE PAID FOR SEPARATELY AND SHALL BE INCIDENTAL TO THE CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND PRESERVE ANY ESTABLISHED REFERENCE POINTS AND STAKES AND SHALL MAKE NO CHANGES OR RELOCATIONS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE OWNER. CONTRACTOR SHALL REPORT TO ENGINEER WHENEVER ANY REFERENCE POINT IS LOST OR DESTROYED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR RELOCATING ANY CHANGES IN GRADES OR LOCATIONS, AND SHALL BE RESPONSIBLE FOR THE RECORD PLATTING, MEASUREMENT OR SURVEYING PERSONNEL AT HIS OR HER OWN EXPENSE.

NO.	DATE	REMARKS
1	07/07/14	PER CITY OF ST. CHARLES

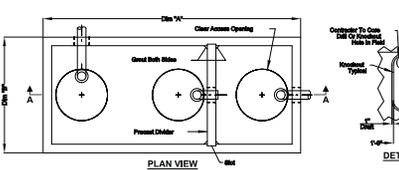
CONSULTING ENGINEERS
 SITE DEVELOPMENT ENGINEERS
 LAND SURVEYORS

BUONA BEEF
 2425 WEST MAIN STREET
 ST. CHARLES, ILLINOIS

9579 1st North Road, Suite 202
 Rosemont, IL 60018
 Phone: (847) 694-6000 Fax: (847) 694-6000

SPACORO INC.

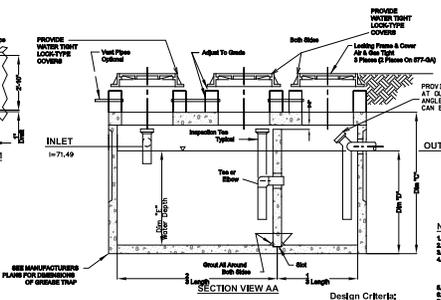
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 DATE: 05/26/14
 JOB NO: 8305
 SHEET
 10 OF 12



Oldcastle Precast
Grease Interceptor 600-7,000 Gallon Capacities
 Single Vault System
 Standard Layout

1,000 GALLON
GREASE INTERCEPTOR DETAIL

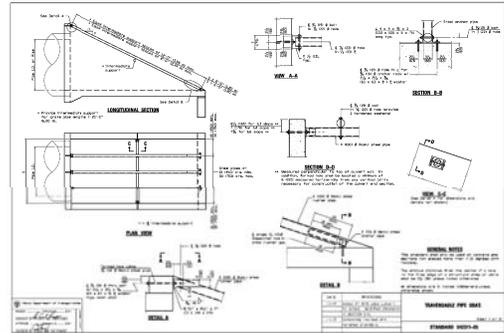
NOTE: ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED TO BE USED IN CONCRETE SHALL BE IN FEET AND INCHES.



PLEASE SEE SHEET UT FOR RIM & INLET INFORMATION

Capacity	Length
1000	10'-0"
2000	14'-0"
3000	18'-0"
4000	22'-0"
5000	26'-0"
6000	30'-0"
7000	34'-0"
8000	38'-0"
9000	42'-0"
10000	46'-0"

NOTE: FLOW FROM DISHWASHERS SHALL BY-PASS GREASE TRAP

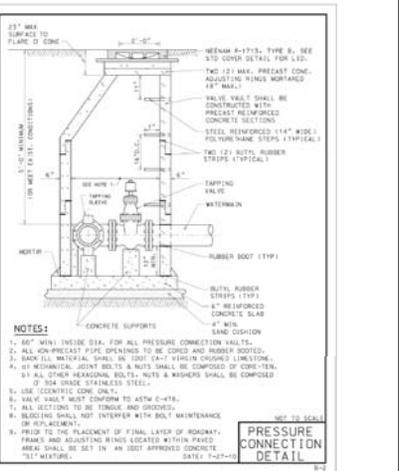
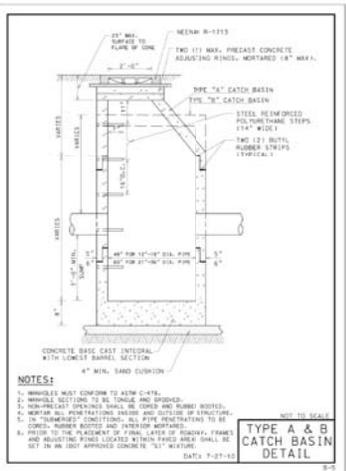
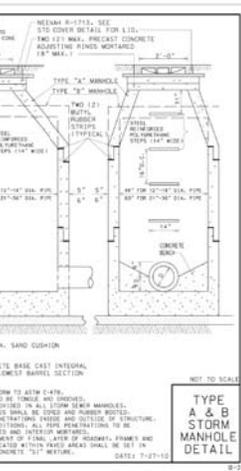
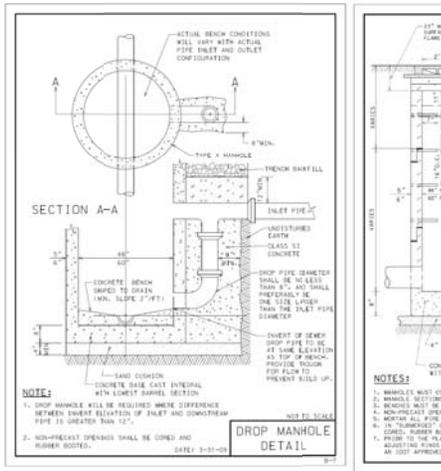
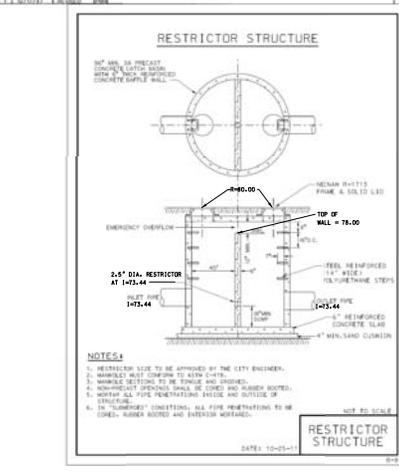
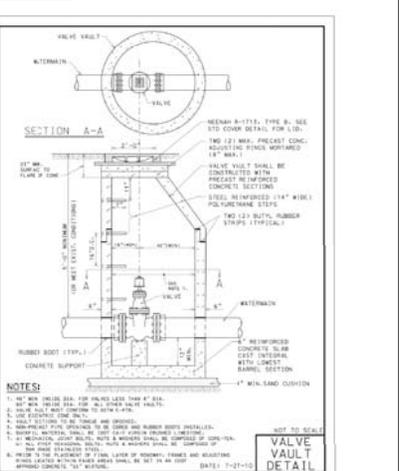
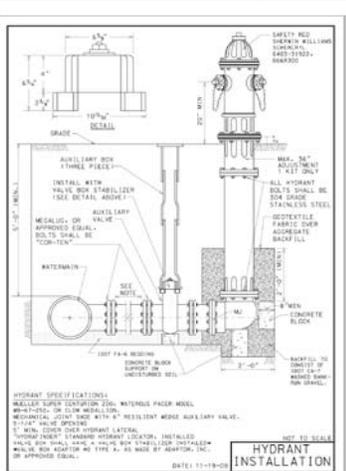
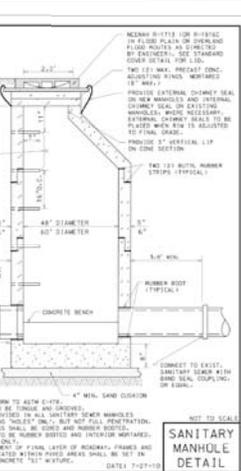
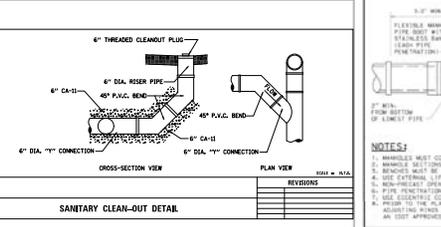
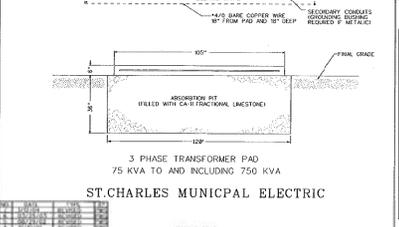
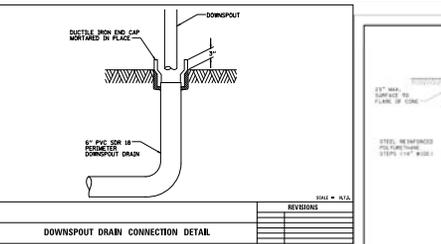
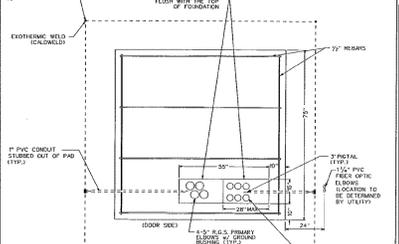


PPE-SHAFT SCHEDULE FOR PIPE VALVE END SECTIONS

Item No.	Material	Quantity	Notes
1	24" DIA. PRECAST CONCRETE	1	
2	12" DIA. PRECAST CONCRETE	1	
3	6" DIA. PRECAST CONCRETE	1	
4	4" DIA. PRECAST CONCRETE	1	
5	3" DIA. PRECAST CONCRETE	1	
6	2" DIA. PRECAST CONCRETE	1	
7	1" DIA. PRECAST CONCRETE	1	
8	1/2" DIA. PRECAST CONCRETE	1	
9	3/4" DIA. PRECAST CONCRETE	1	
10	1" DIA. PRECAST CONCRETE	1	
11	1 1/2" DIA. PRECAST CONCRETE	1	
12	2" DIA. PRECAST CONCRETE	1	
13	3" DIA. PRECAST CONCRETE	1	
14	4" DIA. PRECAST CONCRETE	1	
15	6" DIA. PRECAST CONCRETE	1	
16	8" DIA. PRECAST CONCRETE	1	
17	10" DIA. PRECAST CONCRETE	1	
18	12" DIA. PRECAST CONCRETE	1	
19	14" DIA. PRECAST CONCRETE	1	
20	16" DIA. PRECAST CONCRETE	1	
21	18" DIA. PRECAST CONCRETE	1	
22	20" DIA. PRECAST CONCRETE	1	
23	22" DIA. PRECAST CONCRETE	1	
24	24" DIA. PRECAST CONCRETE	1	
25	26" DIA. PRECAST CONCRETE	1	
26	28" DIA. PRECAST CONCRETE	1	
27	30" DIA. PRECAST CONCRETE	1	
28	32" DIA. PRECAST CONCRETE	1	
29	34" DIA. PRECAST CONCRETE	1	
30	36" DIA. PRECAST CONCRETE	1	
31	38" DIA. PRECAST CONCRETE	1	
32	40" DIA. PRECAST CONCRETE	1	
33	42" DIA. PRECAST CONCRETE	1	
34	44" DIA. PRECAST CONCRETE	1	
35	46" DIA. PRECAST CONCRETE	1	
36	48" DIA. PRECAST CONCRETE	1	
37	50" DIA. PRECAST CONCRETE	1	
38	52" DIA. PRECAST CONCRETE	1	
39	54" DIA. PRECAST CONCRETE	1	
40	56" DIA. PRECAST CONCRETE	1	
41	58" DIA. PRECAST CONCRETE	1	
42	60" DIA. PRECAST CONCRETE	1	
43	62" DIA. PRECAST CONCRETE	1	
44	64" DIA. PRECAST CONCRETE	1	
45	66" DIA. PRECAST CONCRETE	1	
46	68" DIA. PRECAST CONCRETE	1	
47	70" DIA. PRECAST CONCRETE	1	
48	72" DIA. PRECAST CONCRETE	1	
49	74" DIA. PRECAST CONCRETE	1	
50	76" DIA. PRECAST CONCRETE	1	
51	78" DIA. PRECAST CONCRETE	1	
52	80" DIA. PRECAST CONCRETE	1	
53	82" DIA. PRECAST CONCRETE	1	
54	84" DIA. PRECAST CONCRETE	1	
55	86" DIA. PRECAST CONCRETE	1	
56	88" DIA. PRECAST CONCRETE	1	
57	90" DIA. PRECAST CONCRETE	1	
58	92" DIA. PRECAST CONCRETE	1	
59	94" DIA. PRECAST CONCRETE	1	
60	96" DIA. PRECAST CONCRETE	1	
61	98" DIA. PRECAST CONCRETE	1	
62	100" DIA. PRECAST CONCRETE	1	

PPE-SHAFT SCHEDULE FOR SANITARY PIPE VALVE END SECTIONS

Item No.	Material	Quantity	Notes
1	24" DIA. PRECAST CONCRETE	1	
2	12" DIA. PRECAST CONCRETE	1	
3	6" DIA. PRECAST CONCRETE	1	
4	4" DIA. PRECAST CONCRETE	1	
5	3" DIA. PRECAST CONCRETE	1	
6	2" DIA. PRECAST CONCRETE	1	
7	1" DIA. PRECAST CONCRETE	1	
8	1/2" DIA. PRECAST CONCRETE	1	
9	3/4" DIA. PRECAST CONCRETE	1	
10	1" DIA. PRECAST CONCRETE	1	
11	1 1/2" DIA. PRECAST CONCRETE	1	
12	2" DIA. PRECAST CONCRETE	1	
13	3" DIA. PRECAST CONCRETE	1	
14	4" DIA. PRECAST CONCRETE	1	
15	6" DIA. PRECAST CONCRETE	1	
16	8" DIA. PRECAST CONCRETE	1	
17	10" DIA. PRECAST CONCRETE	1	
18	12" DIA. PRECAST CONCRETE	1	
19	14" DIA. PRECAST CONCRETE	1	
20	16" DIA. PRECAST CONCRETE	1	
21	18" DIA. PRECAST CONCRETE	1	
22	20" DIA. PRECAST CONCRETE	1	
23	22" DIA. PRECAST CONCRETE	1	
24	24" DIA. PRECAST CONCRETE	1	
25	26" DIA. PRECAST CONCRETE	1	
26	28" DIA. PRECAST CONCRETE	1	
27	30" DIA. PRECAST CONCRETE	1	
28	32" DIA. PRECAST CONCRETE	1	
29	34" DIA. PRECAST CONCRETE	1	
30	36" DIA. PRECAST CONCRETE	1	
31	38" DIA. PRECAST CONCRETE	1	
32	40" DIA. PRECAST CONCRETE	1	
33	42" DIA. PRECAST CONCRETE	1	
34	44" DIA. PRECAST CONCRETE	1	
35	46" DIA. PRECAST CONCRETE	1	
36	48" DIA. PRECAST CONCRETE	1	
37	50" DIA. PRECAST CONCRETE	1	
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40	56" DIA. PRECAST CONCRETE	1	
41	58" DIA. PRECAST CONCRETE	1	
42	60" DIA. PRECAST CONCRETE	1	
43	62" DIA. PRECAST CONCRETE	1	
44	64" DIA. PRECAST CONCRETE	1	
45	66" DIA. PRECAST CONCRETE	1	
46	68" DIA. PRECAST CONCRETE	1	
47	70" DIA. PRECAST CONCRETE	1	
48	72" DIA. PRECAST CONCRETE	1	
49	74" DIA. PRECAST CONCRETE	1	
50	76" DIA. PRECAST CONCRETE	1	
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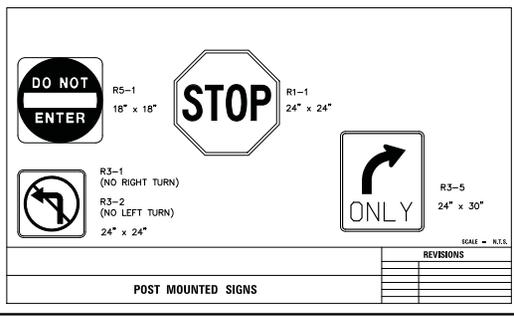
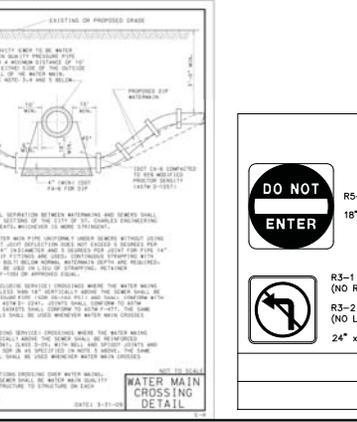
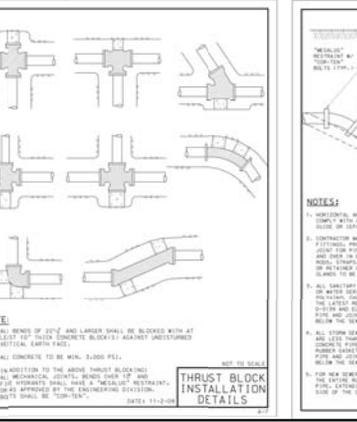
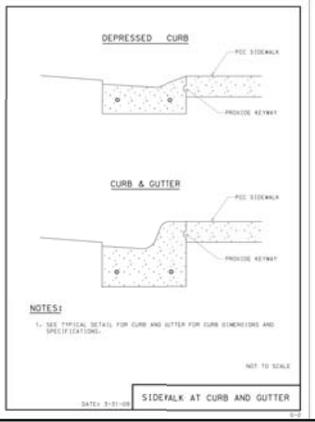
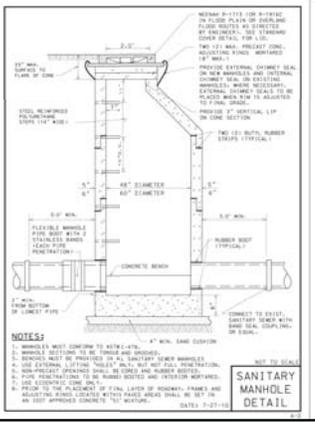
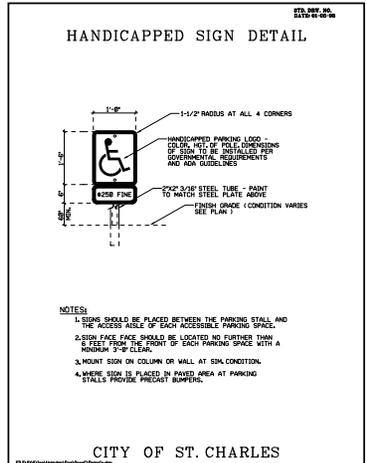
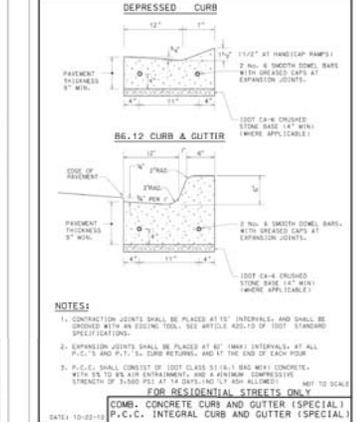
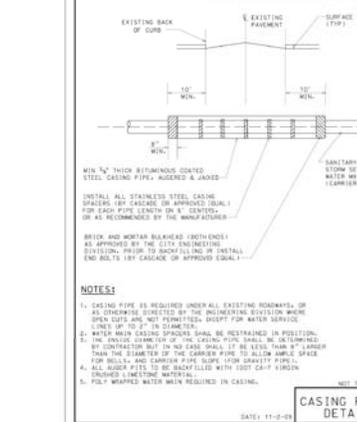
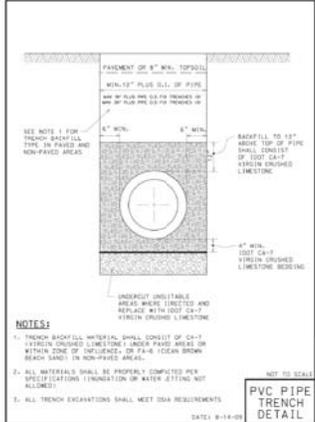
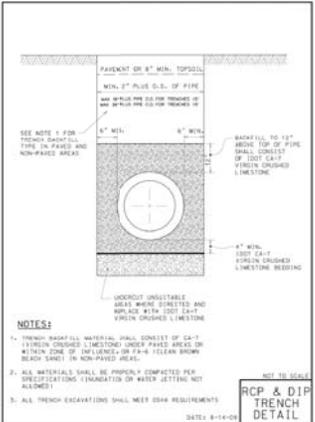
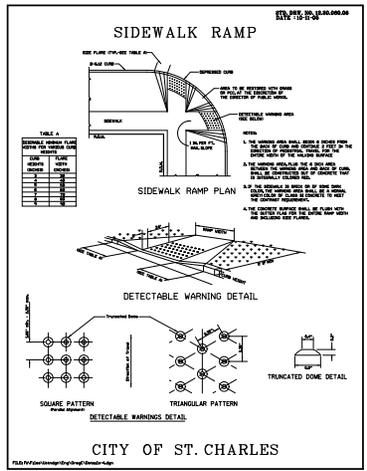
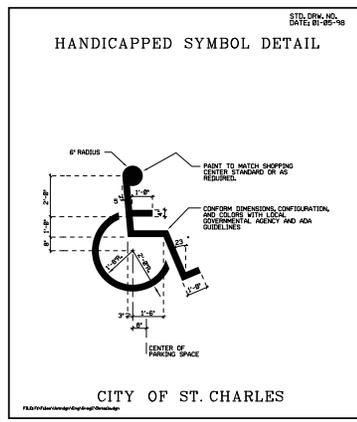
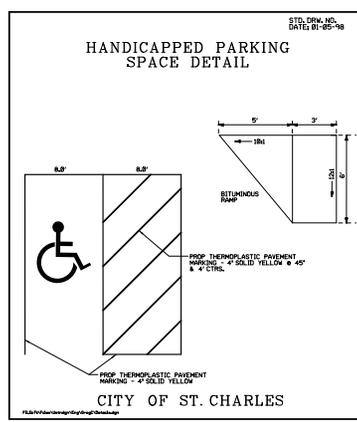
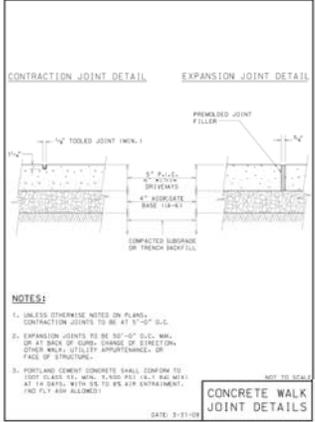
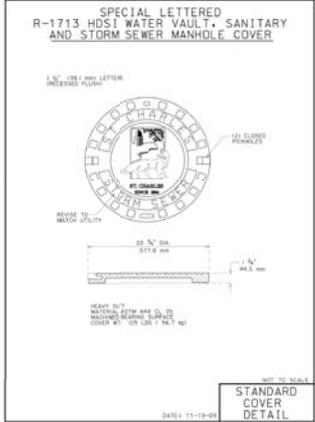
CONSULTING ENGINEERS
LAND SURVEYORS
ST. CHARLES MUNICIPAL ELECTRIC

1 07/07/14 PER CITY OF ST. CHARLES
 NO. DATE REMARKS

DETAIL - 1
BUONA BEEF
2425 WEST MAIN STREET
ST. CHARLES, MISSOURI

9375 N. High Road, Suite 300
 Rosemont, Mo 64078
 Phone: (816) 694-6300 Fax: (816) 694-6305

SPACORR INC.
 FILENAME: 83062.0LDGN
 DATE: 05/15/14
 JOB NO: 8306
 SHEET
 DET1
 11 OF 12



DETAIL - 2

BUONA BEEF

2425 WEST MAIN STREET

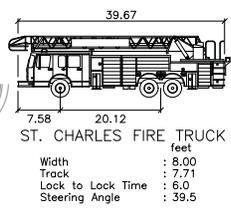
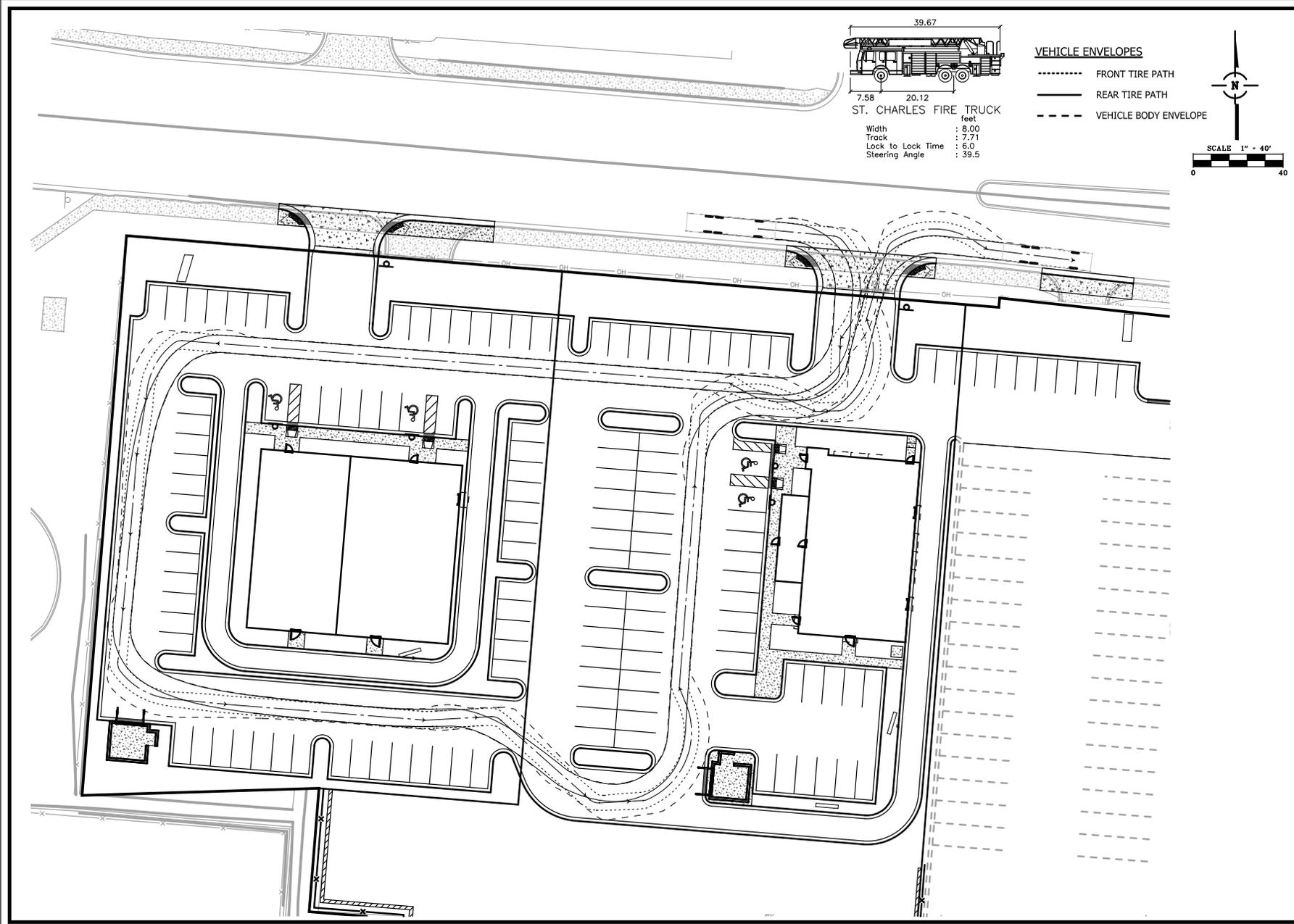
ST. CHARLES, ILLINOIS

CONSULTING ENGINEERS
LAND SURVEYORS

9375 W. North Road, Suite 300
Rosemont, IL 60018
Phone: (815) 694-6500 Fax: (815) 694-6505

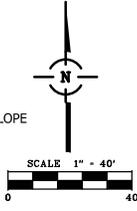
SPACEDOO INC.

FILENAME: 8306E2.DGN
DATE: 05/16/14
JOB NO: 8306
SHEET
DET2
12 OF 12



VEHICLE ENVELOPES

- - - - - FRONT TIRE PATH
- REAR TIRE PATH
- · - · - VEHICLE BODY ENVELOPE



ST. CHARLES FIRE TRUCK TURNING EXHIBIT

BUONA BEEF

2425 WEST MAIN STREET

ST. CHARLES, ILLINOIS

CONSULTING ENGINEERS

SITE DEVELOPMENT ENGINEERS

LAND SURVEYORS

9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065

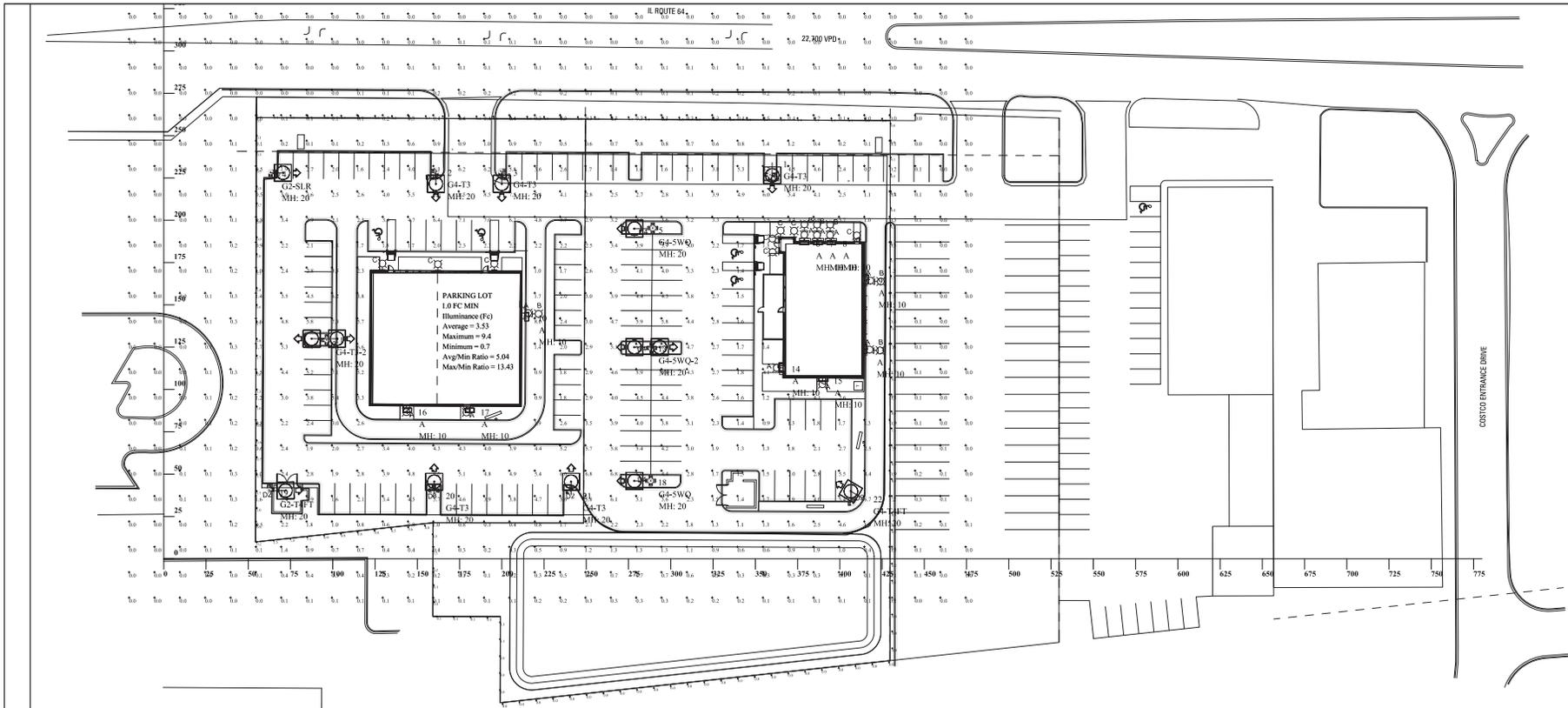


SPACECO INC.

DATE: 07/08/14

FILENAME: 8106FT-TURN.DGN

JOB NO: 8106



Symbol	Qty	Label	Arrangement	Imm. Lumens	LLF	Description	Imm. Watts	Total Watts
[Symbol]	10	A	SINGLE	2649	0.864	XTORSA	29.7	297
[Symbol]	2	G4-SWQ	SINGLE	21803	0.912	GLEBOM-M5-04-LED-W1-SWQ	213	426
[Symbol]	1	G2-SLR	SINGLE	9227	0.912	GLEBOM-M5-02-LED-W1-SLR	107	107
[Symbol]	5	G4-T3	SINGLE	20704	0.912	GLEBOM-M5-04-LED-W1-T3	213	1065
[Symbol]	1	G4-T3-2	BACK-BACK	20704	0.912	GLEBOM-M5-04-LED-W1-T3	213	426
[Symbol]	1	G4-T4FT	SINGLE	20824	0.912	GLEBOM-M5-04-LED-W1-T4FT	213	213
[Symbol]	1	G2-T4FT	SINGLE	10562	0.912	GLEBOM-M5-02-LED-W1-T4FT	107	107
[Symbol]	1	G4-SWQ-2	BACK-BACK	21803	0.912	GLEBOM-M5-04-LED-W1-SWQ	213	426

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
FRONT PL	Illuminance	Fc	0.27	0.5	0.0	N.A.	N.A.
GENERAL AREA	Illuminance	Fc	1.46	9.4	0.0	N.A.	N.A.
SIDES AND REAR PL	Illuminance	Fc	0.50	1.8	0.0	N.A.	N.A.
PARKING LOT	Illuminance	Fc	3.53	9.4	0.7	5.04	13.43

LumNo	Label	X	Y	Z	Orient	Tilt
1	G4-T3	360	234	20	270	0
2	G4-T3	161	229	20	270	0
3	G4-T3	200	229	20	270	0
4	G2-SLR	63	228	20	0	0
5	G4-SWQ	286	125	20	180	0
6	A	379	187	10	90	0
7	A	387	187	10	90	0
8	A	395	187	10	90	0
9	A	416	165	10	0	0
10	A	215	143	10	0	0
11	G4-T3-2	95	130	20	180	0
12	G4-SWQ-2	286	125	20	180	0
13	A	415	124	10	0	0
14	A	365	113	10	180	0
15	A	390	106	10	270	0
16	A	144,015	87,43	10	269,708	0
17	A	181,015	87,43	10	269,708	0
18	G4-SWQ	286	66	20	180	0
19	G2-T4FT	62	40	20	1,591	0
20	G4-T3	160	38	20	90	0
21	G4-T3	241	38	20	90	0
22	G4-T4FT	413	36	20	149,349	0

Cooper Lighting
by **ATON**

Project: **BUONA BEEF LAKE CHARLES, IL**

Client: **JOSE SAUCEDO PILIPUF GRIST**

Carol Carr-Adams, LC, IESNA
EATON'S COOPER LIGHTING
1121 HIGHWAY 74 SOUTH
PEACHTREE CITY GA 30069
Voice Number : (770) 486-4583
Fax Number : (770) 486-4599
Email Address :
mkt-lightingapplications@eaton.com

Scale: **1" = 30 ft.**

Date: **5/9/2014**

Project No: **1401288**



RETAIL DEVELOPMENT
RESTAURANT & MIXED USE BUILDING
2425 VAN HAN STREET
ST CHARLES, ILLINOIS 60174
CLIENT:

07.10.14
08.10.14
REV DATE DESCRIPTION

ISSUE DATE: 07.10.14
PROJECT NUMBER: 2688.00

DRAWN BY: PV
CHECKED BY: JH

SHEET TITLE
SITE LIGHTING PLAN

SHEET NUMBER
A-02

ALUMINUM COPING - ROLLEX
COLOR: PARCHMENT



RENAISSANCE COLLECTION
ARRISCRAFT, GEORGIA CREAM SMOOTH
SIZE: 12 X 24

STEEL C-CHANNEL CANOPY W/
ORNAMENTAL HALF-SPHERES, SUPPORT
BRACKETS, ROD, TURNBUCKLES - COLOR:
BLACK



LANDSCAPE AREAS (SEE SITE PLAN)

A WEST ELEVATION
SCALE: 1/8" = 1'-0"

METAL LOUVERED SCREEN WALL -
METALLIC GRAY

T/ TOWER WALL
EL = 26'-8"

ALUMINUM COPING - ROLLEX
COLOR: METALLIC GRAY

T/ SCREEN WALL
EL = 19'-3"

OUTDOOR DINING CANOPY - POWDER
COATED BLACK METAL ROOF

HEBRON BRICK - MODULAR
COLOR: GOLDENROD VELOUR

ALUMINUM FRAME STOREFRONT:
KAWNEER, DARK BRONZE ALUMINUM
CLEAR TEMPERED INSULATED GLASS.

STEEL C-CHANNEL CANOPY W/
ORNAMENTAL HALF-SPHERES, SUPPORT
BRACKETS, ROD, TURNBUCKLES - COLOR:
BLACK

FIN FLOOR
EL 0'-0"

LANDSCAPING

B/ FDTN
EL 4'-6"



DATE	DESCRIPTION	
07.10.14	REVISED FOR SPECIAL USE	
08.10.14	ADJUSTED FOR SPECIAL USE	
BY	DATE	DESCRIPTION

ISSUE DATE: 07.10.14

PROJECT NUMBER: 2688.00

DRAWN BY: PW

CHECKED BY: JH

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SHEET TITLE:

EXTERIOR ELEVATIONS

SHEET NUMBER:

A-04

ALUMINUM COPING - ROLLEX
COLOR: PARCHMENT

T/ TOWER WALL
EL = 26'-8"

METAL LOUVERED SCREEN WALL -
METALLIC GRAY

T/ SCREEN WALL
EL = 19'-3"

CANVAS CANOPY OVER 1" SQUARE
TUBE FRAMING
COLOR: BLACK FABRIC BACKGROUND

RENAISSANCE COLLECTION
ARRISCRAFT, GEORGIA CREAM SMOOTH
SIZE: 12 X 24

HEBRON BRICK - MODULAR
COLOR: GOLDENROD VELOUR

STEEL C-CHANNEL CANOPY W/
ORNAMENTAL HALF-SPHERES, SUPPORT
BRACKETS, ROD, TURNBUCKLES - COLOR:
BLACK

FIN FLOOR
EL 0'-0"

LANDSCAPING

B/ FDTN
EL 4'-6"

ALUMINUM FRAME STOREFRONT:
KAWNEER, DARK BRONZE ALUMINUM
CLEAR TEMPERED INSULATED GLASS

LANDSCAPING

B NORTH ELEVATION
SCALE: 1/8" = 1'-0"



**RETAIL DEVELOPMENT
 RESTAURANT & MIXED USE BUILDING**
 2425 VAN MAN STREET
 ST CHARLES, ILLINOIS 60174
 CLIENT:

DATE	DESCRIPTION
07.10.14	REVISED FOR SPECIAL USE
08.18.14	ADDED FOR SPECIAL USE
08.18.14	ADDED FOR SPECIAL USE
REV	DATE DESCRIPTION

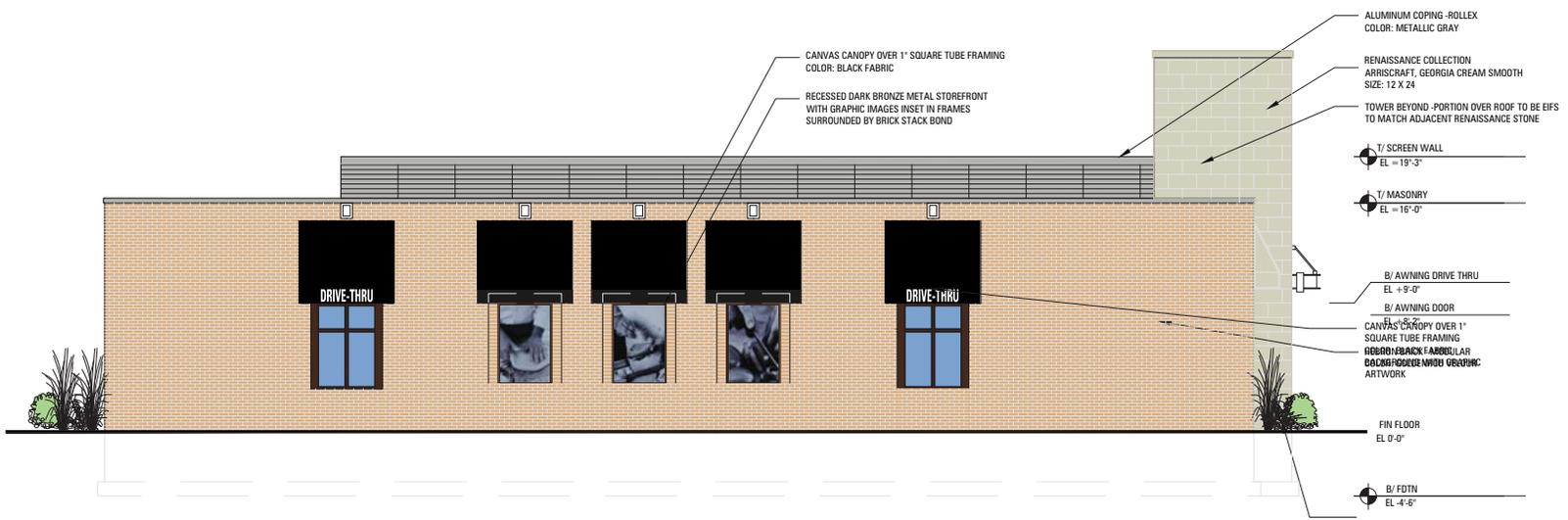
ISSUE DATE: 07.10.14

PROJECT NUMBER: 2688.00

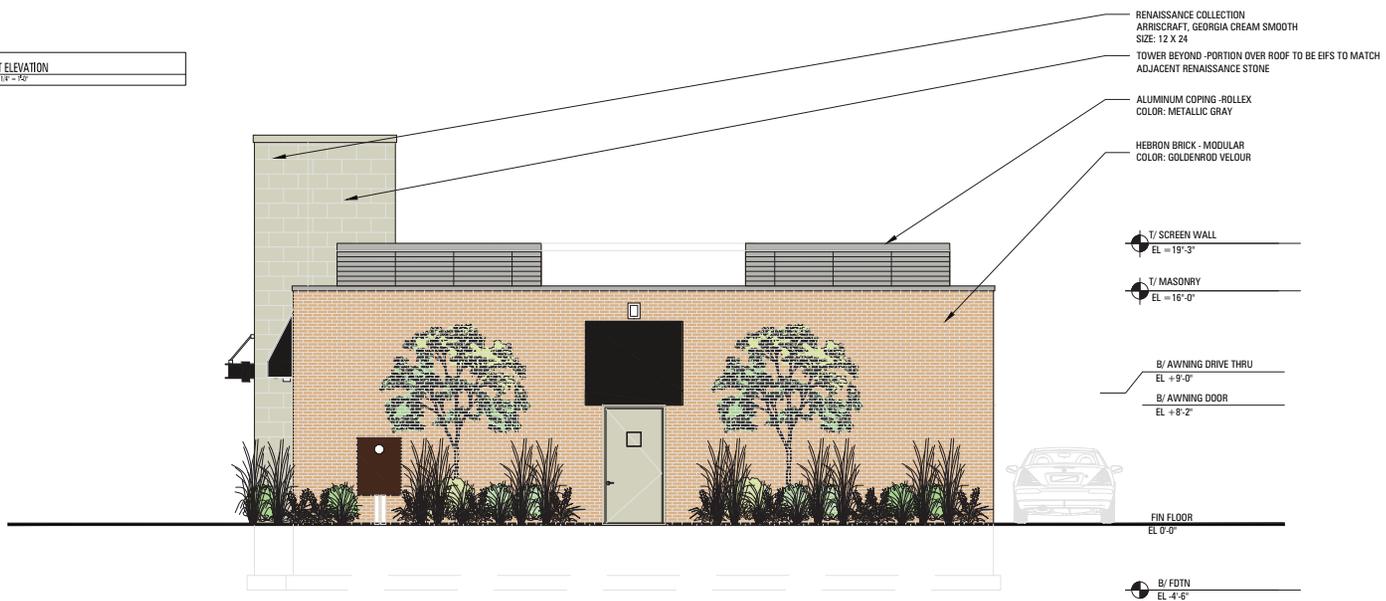
DRAWN BY: PVW
 CHECKED BY: JH

**EXTERIOR
 ELEVATIONS**

SHEET NUMBER:
A-05



A EAST ELEVATION
 SCALE: 1/8" = 1'-0"



B SOUTH ELEVATION
 SCALE: 1/8" = 1'-0"