

SITE IMPROVEMENT PLANS for FACTORY MOTOR PARTS ADDITION

**15605 S. 70TH COURT
ORLAND PARK, ILLINOIS
PROJECT NO: 6939**



DEVELOPER

TRI-K DEVELOPMENT
15811 ANNICO DRIVE, #6
HOMER GLEN, ILLINOIS 60491
PHONE: (708) 301-3809
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ARCHITECT

BULIN CUSTOM DESIGN
PO BOX 536
PLAINFIELD, ILLINOIS 60544
PHONE: (815) 861-1757

**CALL J.U.L.I.E. 1-800-892-0123
WITH THE FOLLOWING:**

COUNTY COOK
CITY, TOWNSHIP ORLAND PARK
SEC. & 1/4 SEC. NO. SEC 18, T36N, R13E

**48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN. & HOLIDAYS**

**SOURCE BENCHMARK:
ORLAND HILLS COOP CORS ARP
NGS COORS ID: KA10
PID D10733**

**SITE BENCHMARK:
WEST BONNET BOLT ON A FIRE HYDRANT LOCATED
ON THE WEST SIDE OF 70TH COURT +/- 20' SOUTH OF
THE SOUTH PROPERTY LINE OF THE SITE.
ELEVATION 730.15 (NAVD 1988)**

NOTE:

**SPACECO, INC. IS TO BE NOTIFIED AT LEAST
THREE (3) DAYS PRIOR TO STARTING CONSTRUCTION
AND SHALL BE INCLUDED IN THE PRECONSTRUCTION MEETINGS**

ENGINEER _____ DATE _____
IRENA H. WICZKOWSKI, P.E.
ILLINOIS REGISTRATION NO.: 062-053246
EXPIRATION DATE: 11/30/2013

PROFESSIONAL DESIGN FIRM NO.: 184-001157
EXPIRATION DATE: 04/30/2013

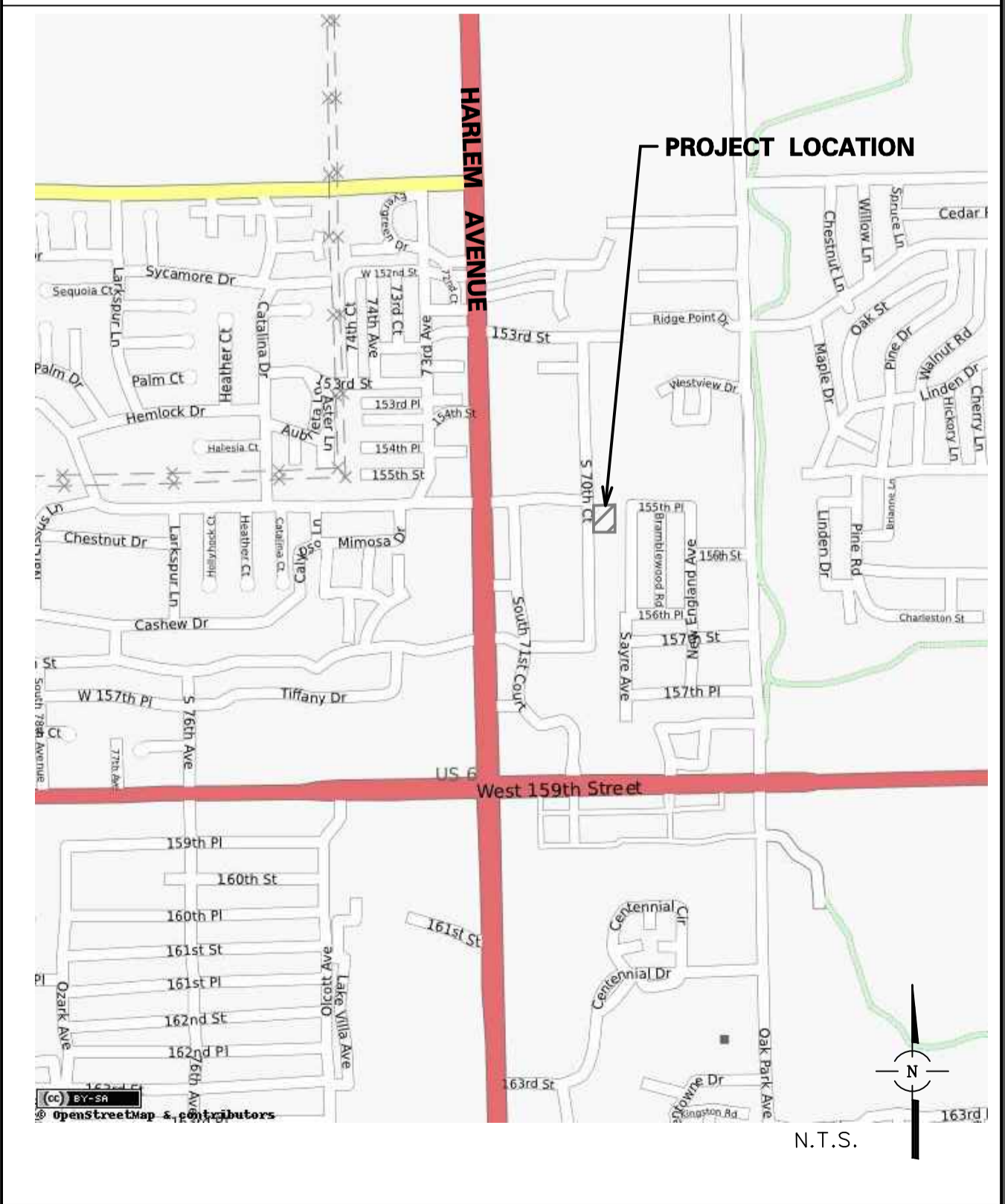
THESE PLANS OR ANY PART THEREOF SHALL BE CONSIDERED VOID WITHOUT
THE SIGNATURE, SEAL, AND EXPIRATION DATE OF SEAL OF THE ENGINEER

SEAL

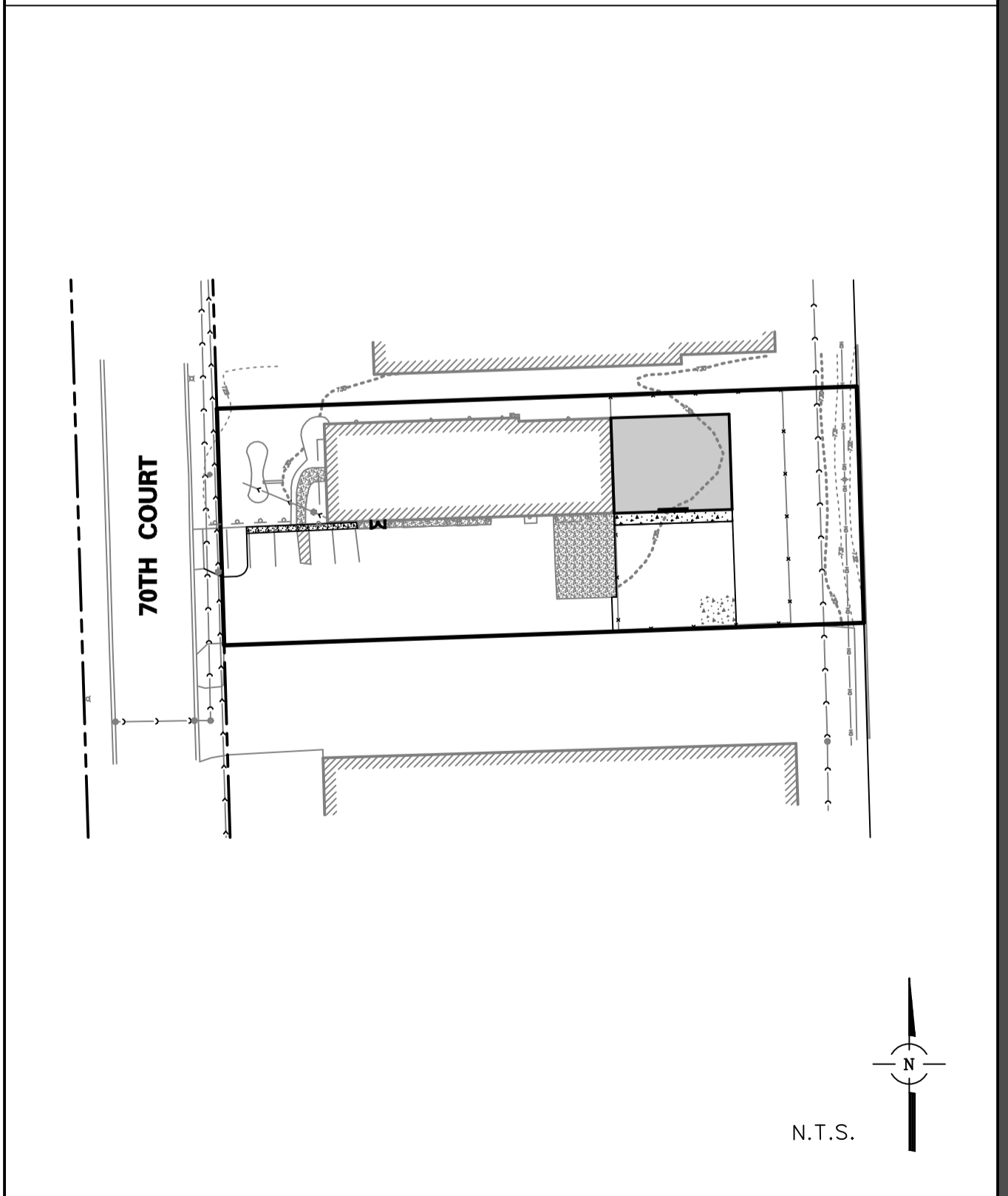
INDEX

SHEET #	SHEET I.D.	SHEET DESCRIPTION
1	C1	TITLE SHEET
2	GN1	GENERAL NOTES AND TYPICAL SECTIONS
3	ENG1	SITE PLAN

LOCATION MAP



KEY MAP



REVISIONS

ORIGINAL PLAN DATE: OCTOBER 18, 2011

#	SHEET #	REMARKS	DATE
1	3	PER VILLAGE OF ORLAND PARK	01/16/12
2	3	PER VILLAGE OF ORLAND PARK	02/15/12

FACTORY MOTOR PARTS ADDITION

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

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS

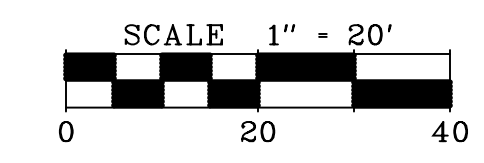
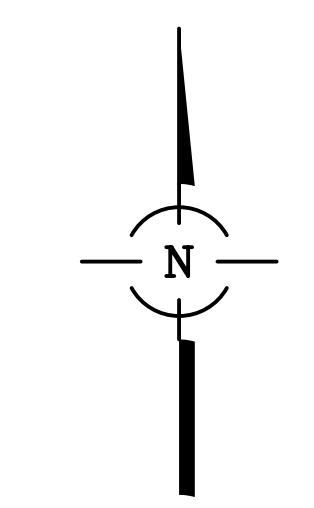
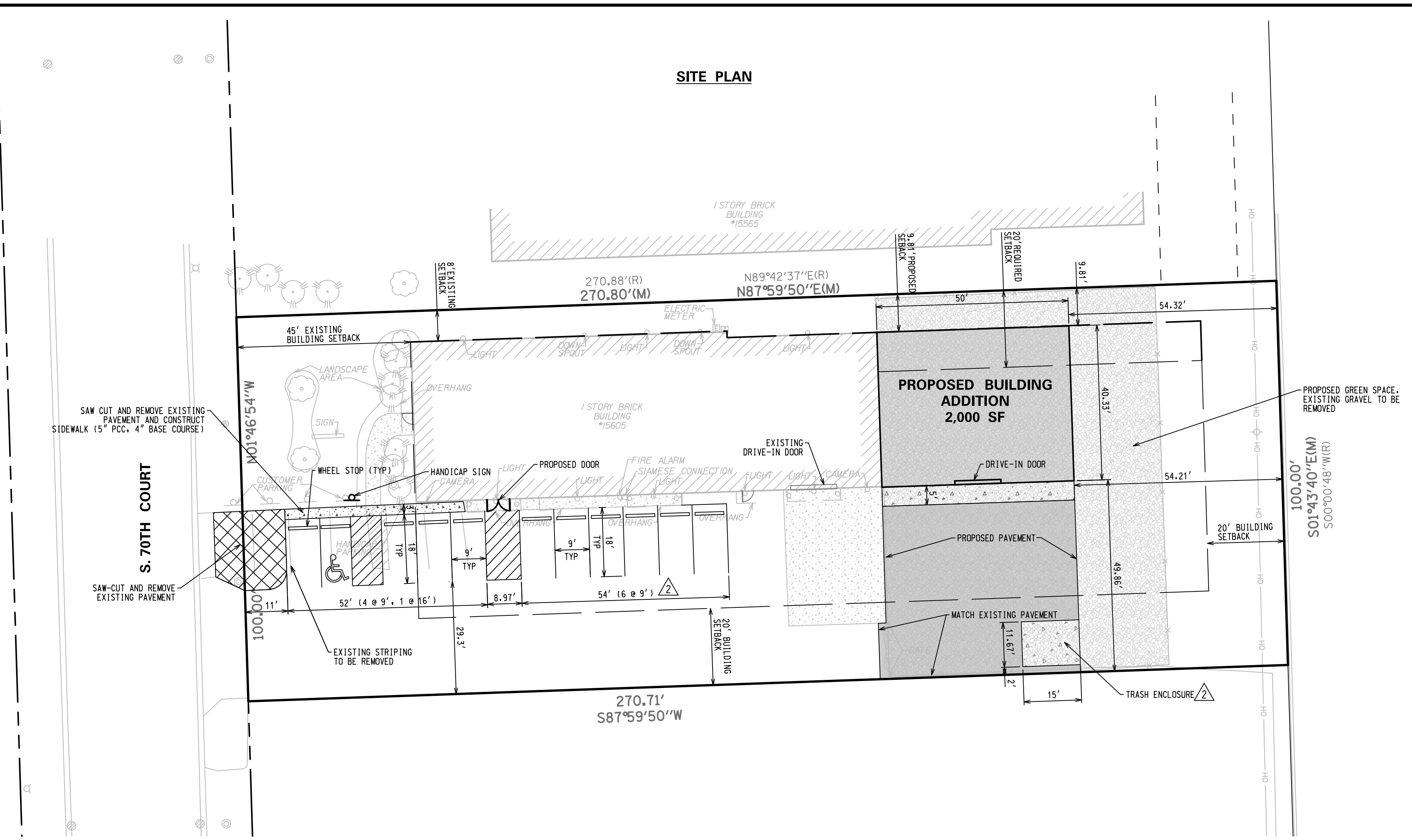


FILENAME:
6939TITLE.DGN

DATE:
10/18/11

JOB NO.
6939

SHEET
C1
1 OF 3



- LEGEND**
- BUILDING ADDITION
 - CONCRETE SIDEWALK
 - CONCRETE PAVEMENT
 - PROPOSED ASPHALT PAVEMENT
 - EXISTING PAVEMENT REMOVAL

- NOTES:**
1. SEE SHEET TS1 FOR PAVEMENT SECTIONS.
 2. SEE ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND DETAILS.
 3. ALL PAVEMENT MARKINGS SHALL BE PAINTED.

△ SITE PLAN DATA

SITE AREA = 0.62 AC

TOTAL BUILDING AREA = 6,988 SF

TOTAL PAVEMENT AREA = 10,871 SF

TOTAL IMPERVIOUS AREA = 0.41 AC

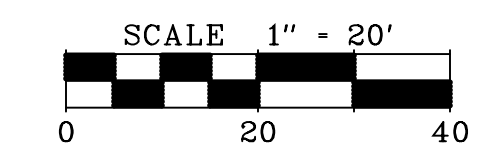
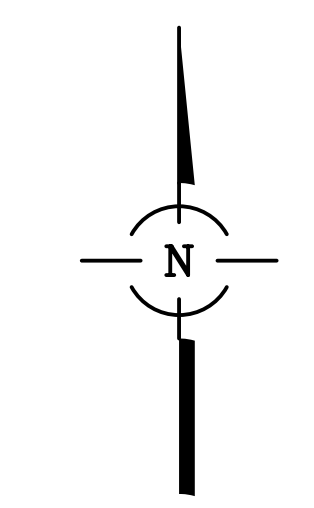
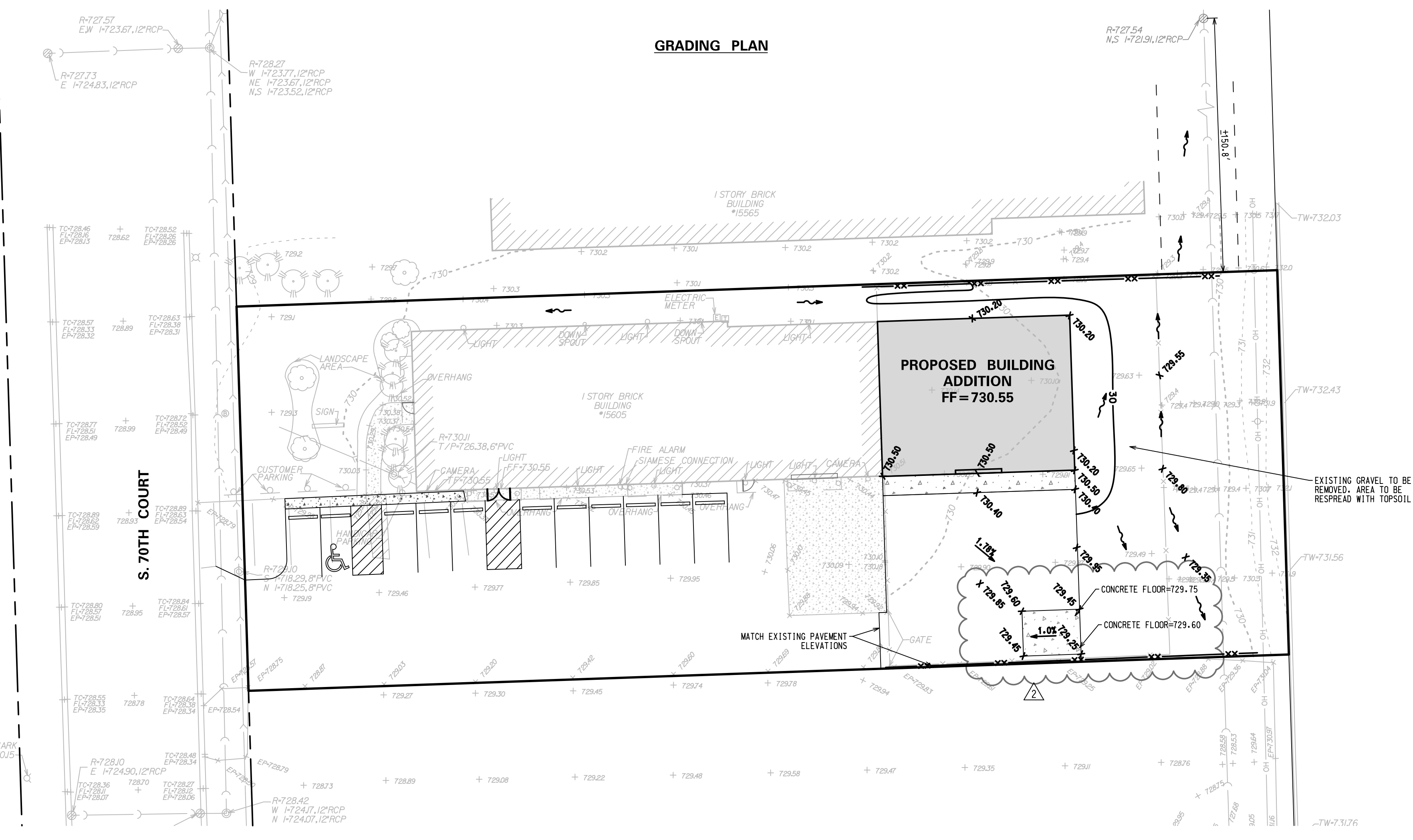
LOT COVERAGE = 66% IMPERVIOUS

FAR = 0.26

REQUIRED PARKING = 7 (WHOLESALE, 1 SPACE PER 1,000 SF)

PARKING PROVIDED = 11 (INCLUDING 1 HC STALL)

NO.	DATE	REMARKS
2	02/15/12	PER ORLAND PARK
1	01/16/12	PER ORLAND PARK



- LEGEND**
- FF FINISHED FLOOR
 - LOCAL DRAINAGE
 - X 000.00 PROPOSED ELEVATIONS
 - + 729.67 EXISTING ELEVATIONS
 - XX SILT FENCE

SITE PLAN

FACTORY MOTOR PARTS ADDITION

15605 S. 70TH COURT

ORLAND PARK, ILLINOIS

CONSULTING ENGINEERS

SITE DEVELOPMENT ENGINEERS

LAND SURVEYORS

9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 676-4060 Fax: (847) 676-4065



FILENAME:
6939ENG.DGN

DATE:
10/18/11

JOB NO.
6939

SHEET
ENG1
3 OF 3

GENERAL NOTES

- 1. REFERENCED CODES
A. ALL PAVEMENT AND STORM SEWER CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC)...
B. ALL SANITARY SEWER AND WATERMAIN CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS...
C. ALL SIDEWALK AND PUBLIC AREAS MUST BE CONSTRUCTED IN ACCORDANCE WITH CURRENT ADA, ILLINOIS HANDICAP ACCESSIBILITY ACT AND ANY APPLICABLE LOCAL ORDINANCES...
2. UTILITY LOCATIONS
A. THE UTILITY COMPANIES HAVE BEEN CONTACTED IN REFERENCE TO UTILITIES THEY OWN AND OPERATE WITHIN THE LIMITS FOR THIS PROJECT...
3. UTILITY COORDINATION
A. OWNER SHALL OBTAIN EASEMENTS AND PERMITS NECESSARY TO FACILITATE THE CONSTRUCTION OF THE PROPOSED UTILITIES...
4. NO PLAN SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION"...
5. ALL PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ELEVATIONS...
6. UPON AWARDING OF THE CONTRACT, AND WHEN REQUIRED BY THE MUNICIPALITY OR OWNER, THE CONTRACTOR SHALL FURNISH A LABOR, MATERIAL AND PERFORMANCE BOND...
7. THE CONTRACTORS SHALL PLAN THEIR WORK BASED ON THEIR OWN BORINGS, EXPLORATIONS AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK...
8. CONTRACTOR SHALL VIDEO TAPE WORK AREA PRIOR TO CONSTRUCTION FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS...
9. COMMENCING CONSTRUCTION
A. THE CONTRACTOR SHALL NOTIFY THE OWNER AND/OR HIS REPRESENTATIVE AND THE AFFECTED GOVERNMENTAL AGENCIES IN WRITING AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION...
10. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC...
11. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED...
12. ANY EXISTING SIGNS, LIGHT STANDARDS AND UTILITY POLES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND NOT NOTED FOR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT HIS OWN EXPENSE...
13. REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO: PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC. SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE...
14. ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM OR SHALL BE DESTROYED TO PROPER OPERATING CONDITION...
15. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB...
16. THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT...
17. ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION...
18. TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF (SSRBC) ARTICLE 201.05...
19. LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE LANDSCAPE ARCHITECT MEETING THE OWNER'S APPROVAL AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION...
20. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE OFF-SITE...
21. ALL CUTS OVER 1" IN DIAMETER SHALL BE MADE FLUSH WITH THE NEXT LARGE BRANCH. WOUNDS OVER 1" IN DIAMETER SHALL BE PAINTED WITH AN APPROVED TREE PAINT.

- 22. GENERAL EXCAVATION/UNDERGROUND NOTES
A. SLOPE SIDES OF EXCAVATIONS TO COMPLY WITH CODES AND ORDINANCES HAVING JURISDICTION...
B. PROVIDE MATERIALS FOR SHORING AND BRACING, SUCH AS SHEET PILING, UPRIGHTS, STRINGERS AND CROSS BRACES...
C. PREVENT SURFACE WATER AND SUBSURFACE OR GROUNDWATER FROM FLOWING INTO EXCAVATIONS...
D. IMMEDIATELY REPORT CONDITIONS THAT MAY CAUSE UNSOUND BEARING TO THE OWNER/DEVELOPER BEFORE CONTINUING WORK...
23. FINAL ACCEPTANCE
A. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED BY THE CONTRACTOR AND HIS SURETY FOR PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF FINAL ACCEPTANCE...
B. BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED BY THE OWNER OR HIS REPRESENTATIVE...
C. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE MUNICIPALITY...
D. AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.

- 24. UNDERGROUND NOTES
A. UNDERGROUND WORK SHALL INCLUDE TRENCHING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION AND TESTING AS SHOWN ON THE CONSTRUCTION AND PROPOSED SUBGRADE ELEVATION AND ACCESSORIES NECESSARY TO COMPLETE THE WORK...
B. WHERE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER, EXISTING DRAINAGE STRUCTURES AND SYSTEMS SHALL BE CLEANED OF DEBRIS AND PATCHED AS NECESSARY TO ASSURE INTEGRITY OF THE STRUCTURE...
C. ANY DEWATERING OF SEWER AND WATER TRENCHES AS WELL AS TEMPORARY SHEETING OR BRACING THAT MAY BE REQUIRED...
D. TRENCH BACKFILL WILL BE REQUIRED FOR THE FULL TRENCH DEPTH WITHIN TWO (2) FEET OF PROPOSED OR EXISTING PAVEMENTS, UTILITIES, DRIVEWAYS, AND SIDEWALKS...
E. THE CONTRACTOR SHALL INSTALL A 4" x 4" x 8" (NOMINAL) POST AT THE TERMINUS OF THE SANITARY, WATER AND STORM SERVICES...
F. AFTER THE STORM SEWER SYSTEM HAS BEEN CONSTRUCTED, THE CONTRACTOR SHALL PLACE EROSION CONTROL AT REAR YARD INLET LOCATIONS...
G. HYDRANTS SHALL NOT BE NORMALLY DIRECTLY ON THE ROAD SUBGRADES...
H. ALL TOP OF FRAMES FOR STORM AND SANITARY SEWERS AND VALVE VAULT COVERS ARE TO BE ADJUSTED TO MEET FINAL FINISH GRADE...
I. SLEEVES FOR UTILITY (COMED, TELEPHONE, ETC.) STREET CROSSING SHALL BE INSTALLED WHERE DIRECTED BY THE OWNER...
J. THE CONTRACTOR SHALL VERIFY THE SIZE AND INVERT ELEVATION OF ALL CONNECTIONS TO AVOID ANY CONFLICTS BEFORE STARTING WORK...
25. IT SHALL BE UNDERSTOOD THAT NEITHER THE MUNICIPALITY, ITS OFFICIALS, CONSULTANTS, NOR ITS EMPLOYEES ARE AGENTS OF OR REPRESENTATIVES OF THE OWNER...
26. GENERAL
A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE...
B. ANY QUANTITIES IN THE BID PROPOSAL ARE INTENDED AS A GUIDE FOR THE CONTRACTOR'S USE IN DETERMINING THE SCOPE OF THE COMPLETED PROJECT...
C. THE CONTRACTOR WILL NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE ELEVATIONS AND THAT PAVEMENT THICKNESS, TOPSOIL, ETC. MUST BE SUBTRACTED TO DETERMINE SUBGRADE ELEVATIONS...
D. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION...
E. PLANS FOR THE SITE DEWATERING, IF EMPLOYED, SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER PRIOR TO IMPLEMENTATION...
F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES"...
G. PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES, THE CONTRACTOR SHALL ERECT A "SNOW FENCE" AROUND ANY TREE DESIGNATED TO BE PRESERVED...
H. EXCESS MATERIALS, IF NOT UTILIZED AS FILL, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR...
I. ALL EARTHWORK SHALL BE DONE UNDER THE SUPERVISION OF AN ILLINOIS LICENSED ENGINEER WHO SPECIALIZES IN THE GEOTECHNICAL FIELD...
27. TOPSOIL EXCAVATION INCLUDES:
A. EXCAVATION OF TOPSOIL AND OTHER STRUCTURALLY UNSUITABLE MATERIALS WITHIN THOSE AREAS THAT WILL REQUIRE EARTH EXCAVATION OR COMPACTED EARTH FILL MATERIAL...
B. PLACEMENT OF THE EXCAVATED MATERIAL IN OWNER DESIGNATED AREAS FOR FUTURE USE WITHIN AREAS TO BE LANDSCAPED...
C. TOPSOIL STOCKPILED FOR RESPAW SHOULD BE FREE OF CLAY AND SHALL NOT CONTAIN ANY OF THE TRANSITIONAL MATERIAL BETWEEN THE TOPSOIL AND CLAY...
D. TOPSOIL RESPAW SHALL INCLUDE HAULING AND SPREADING 6" OF TOPSOIL OVER AREAS TO BE LANDSCAPED WHERE SHOWN ON THE PLANS OR DIRECTED BY THE OWNER...
E. MODERATE COMPACTION IS REQUIRED IN NON-STRUCTURAL FILL AREAS.

EARTHWORK NOTES

- 3. EARTH EXCAVATION INCLUDES:
A. EXCAVATION OF CLAY AND OTHER MATERIALS WHICH ARE SUITABLE FOR USE AS STRUCTURAL FILL...
B. PLACEMENT OF THE CLAY AND OTHER SUITABLE MATERIALS SHALL BE WITHIN THOSE AREAS REQUIRING STRUCTURAL FILL...
C. COMPACTION OF THE CLAY AND OTHER SUITABLE MATERIALS SHALL BE TO AT LEAST 93% OF THE MODIFIED PROCTOR DRY DENSITY WITHIN PROPOSED PAVEMENT AREAS...
D. EXCAVATION: QUANTITIES OF EARTH EXCAVATION INDICATED ELSEWHERE IN THIS CONTRACT HAVE BEEN COMPUTED BY THE END AREA METHOD...
4. UNSUITABLE MATERIAL
UNUSABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL WHICH IS NOT SUITABLE FOR THE SUPPORT OF PAVEMENT AND BUILDING CONSTRUCTION...
5. MISCELLANEOUS THE CONTRACTOR SHALL:
A. SPREAD AND COMPACT UNIFORMLY TO THE DEGREE SPECIFIED ALL EXCESS TRENCH SPOIL AFTER COMPLETION OF THE UNDERGROUND IMPROVEMENTS...
B. SCARIFY, DISC, AERATE, AND COMPACT, TO THE DEGREE SPECIFIED, THE UPPER TWELVE (12) INCHES OF THE SUITABLE SUBGRADE MATERIALS...
C. PROVIDE WATER TO ADD TO DRY MATERIAL IN ORDER TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION...
D. BACKFILL THE CURB AND GUTTER AFTER ITS CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL...
E. TRENCH COMPACTION: ALL TRENCHES SHALL BE COMPACTED BY MECHANICAL TECHNIQUES APPROVED BY THE SOILS ENGINEER...
6. TESTING AND FINAL ACCEPTANCE
A. THE CONTRACTOR SHALL PROVIDE AS A MINIMUM, A FULLY LOADED SIX-WHEEL TANDEM AXLE TRUCK FOR PROOF ROLLING THE PAVEMENT SUBGRADE PRIOR TO THE PLACEMENT OF THE CURB AND GUTTER...
B. ANY UNSUITABLE AREA ENCOUNTERED AS A RESULT OF PROOF ROLLING SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL...
C. ANY TESTING THAT IS REQUIRED OF THIS CONSTRUCTION IS CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION...
PAVING NOTES
1. GENERAL
A. PAVING WORK INCLUDES FINAL SUBGRADE SHAPING, PREPARATION AND COMPACTION...
B. CORRECTION REQUIREMENTS: REFERENCE ASTM D-1557 (MODIFIED PROCTOR) SUB-GRADE = 93%; SUB-BASE = 93%; AGGREGATE BASE COURSE = 93%...
C. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC WITHIN THE AREA OF CONSTRUCTION...
2. SUB-GRADE PREPARATION
A. EARTHWORK FOR PROPOSED PAVEMENT SUBGRADE SHALL BE FINISHED TO WITHIN 0.1 FOOT, PLUS OR MINUS, OF PLAN ELEVATION...
B. PRIOR TO THE PLACEMENT OF THE BASE COURSE, THE SUBGRADE MUST BE PROOF ROLLED AND INSPECTED FOR UNSUITABLE MATERIALS AND/OR EXCESSIVE MOVEMENT...
C. PRIOR TO THE CONSTRUCTION OF THE CURB AND GUTTER AND THE PLACEMENT OF THE BASE MATERIAL...
D. PRIOR TO PLACEMENT OF THE BASE COURSE, ALL SUBGRADES MUST BE APPROVED BY THE MUNICIPAL ENGINEER, SOILS ENGINEER AND/OR OWNER...
3. CONCRETE WORK
A. ALL EXTERIOR CONCRETE SHALL BE PORTLAND CEMENT CONCRETE CLASS 51 OR PV PER (SSRBC) SECTION 1020.04...
B. CONCRETE CURB AND/OR COMBINATION CURB AND GUTTER SHALL BE OF THE TYPE SHOWN ON THE PLANS...
C. CURBS SHALL BE DEPRESSED AT LOCATIONS WHERE PUBLIC WALKS/PEDESTRIAN PATHS INTERSECT CURB LINES...
D. THE CURBS SHALL BE BACKFILLED AFTER THEIR CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE...
E. CONCRETE SIDEWALK SHALL BE IN ACCORDANCE WITH THE ABOVE AND THE PLANS...
F. CONCRETE DRIVEWAY APRONS SHALL BE IN ACCORDANCE WITH THE ABOVE AND THE PLANS...
G. STANDARD REINFORCED CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH THE ABOVE AND THE PLANS...
H. CONCRETE CURING AND PROTECTION SHALL BE IN ACCORDANCE WITH (SSRBC) - METHOD I, 11, OR 1111...
4. FLEXIBLE PAVEMENT
A. THE PAVEMENT MATERIALS FOR BITUMINOUS STREETS, PARKING LOTS, DRIVEWAYS, SIDEWALKS AND PATHS SHALL BE AS DETAILED ON THE PLANS...
B. ALL TRAFFIC SHALL BE KEPT OFF THE COMPLETED AGGREGATE BASE UNTIL THE BINDER COURSE IS LAID...
C. PRIOR TO PLACEMENT OF THE SURFACE COURSE, THE BINDER COURSE SHALL BE CLEANED, AND TACK COATED IF DUSTY OR DIRTY...
D. SEAMS IN BASE, BINDER AND SURFACE COURSE SHALL BE STAGGERED A MINIMUM OF 6"...
E. FOR NEW STREETS, THE CONTRACTOR SHALL PERMIT THE BITUMINOUS CONCRETE BINDER COURSE TO WEATHER ONE (1) WINTER SEASON PRIOR TO THE INSTALLATION OF THE BITUMINOUS CONCRETE SURFACE COURSE...
5. TESTING AND FINAL ACCEPTANCE
A. THE CONTRACTOR SHALL FOLLOW THE QUALITY CONTROL TESTING PROGRAM FOR CONCRETE AND PAVEMENT MATERIALS ESTABLISHED BY THE OWNER AND/OR MUNICIPALITY...
B. WHEN REQUESTED BY THE OWNER, TEST RESULTS AND DOCUMENTATION FOR THE CONCRETE, BASE COURSE, BITUMINOUS CONCRETE BINDER, AND/OR SURFACE COURSE, SHALL BE SUBMITTED FOR VERIFICATION...
C. PRIOR TO PLACEMENT OF THE BITUMINOUS CONCRETE SURFACE COURSE, THE CONTRACTOR, WHEN REQUIRED BY THE OWNER OR MUNICIPALITY, SHALL OBTAIN SPECIMENS OF THE BINDER COURSE WITH A CORE DRILL WHERE DIRECTED...
D. WHEN REQUIRED BY THE OWNER OR MUNICIPALITY, THE CONTRACTOR SHALL OBTAIN SPECIMENS OF THE FULL DEPTH BITUMINOUS CONCRETE PAVEMENT STRUCTURE WITH A CORE DRILL WHERE DIRECTED...
E. FINAL ACCEPTANCE OF THE TOTAL PAVEMENT INSTALLATION SHALL BE SUBJECT TO THE TESTING AND CHECKING REQUIREMENTS CITED ABOVE.

PAVING NOTES

- 5. TESTING AND FINAL ACCEPTANCE
A. THE CONTRACTOR SHALL FOLLOW THE QUALITY CONTROL TESTING PROGRAM FOR CONCRETE AND PAVEMENT MATERIALS ESTABLISHED BY THE OWNER AND/OR MUNICIPALITY...
B. WHEN REQUESTED BY THE OWNER, TEST RESULTS AND DOCUMENTATION FOR THE CONCRETE, BASE COURSE, BITUMINOUS CONCRETE BINDER, AND/OR SURFACE COURSE, SHALL BE SUBMITTED FOR VERIFICATION...
C. PRIOR TO PLACEMENT OF THE BITUMINOUS CONCRETE SURFACE COURSE, THE CONTRACTOR, WHEN REQUIRED BY THE OWNER OR MUNICIPALITY, SHALL OBTAIN SPECIMENS OF THE BINDER COURSE WITH A CORE DRILL WHERE DIRECTED...
D. WHEN REQUIRED BY THE OWNER OR MUNICIPALITY, THE CONTRACTOR SHALL OBTAIN SPECIMENS OF THE FULL DEPTH BITUMINOUS CONCRETE PAVEMENT STRUCTURE WITH A CORE DRILL WHERE DIRECTED...
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LEGEND

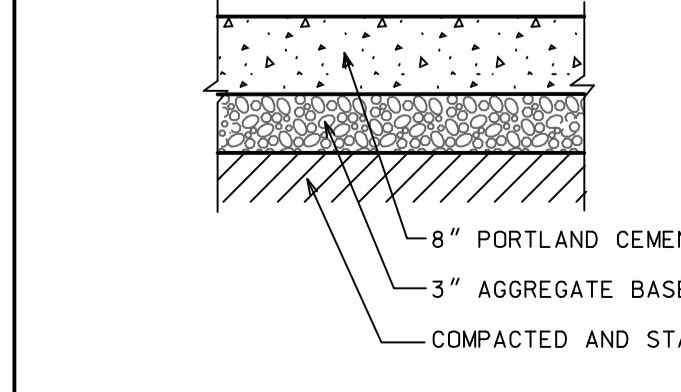
Table with 3 columns: EXISTING, DESCRIPTION, PROPOSED. Includes symbols for DRAIN TILE, STORM SEWER, SANITARY SEWER, SANITARY TRUNK SEWER, WATER MAIN, PIPE TRENCH BACKFILL, GAS MAIN, TELEPHONE LINES, ELECTRIC LINE, FENCE, RIGHT-OF-WAY, EASEMENT, PROPERTY LINE, SETBACK LINE, CENTERLINE, CONTOUR, SANITARY MANHOLE, STORM MANHOLE, CATCH BASIN, INLET, FIRE HYDRANT, PRESSURE CONNECTION, PIPE REDUCER, VALVE AND VAULT, VALVE, FLARED END SECTION, STREET LIGHT, UTILITY POLE, CONTROL POINT, SIGN, SPOT ELEVATION, SOIL BORING, OVERLAND FLOW ROUTE, DRAINAGE SLOPE, GUARDRAIL, WATER'S EDGE, CONCRETE, REVERSE PITCH CURB, TREE, FIR TREE, BUSH, & PROPOSED TREE TO REMOVE.

ABBREVIATIONS

Table with 3 columns: M - STORM MANHOLE, S - SANITARY MANHOLE, CB - CATCH BASIN, LP - LIGHT POLE, VV - VALVE VAULT, EV - END SECTION, FH - FIRE HYDRANT, GR - GRADE RISE (HYDRANT), I - INVERT OR INLET, T/P - TOP OF FOUNDATION, GF - GARAGE FLOOR, TC - TOP OF CURB, TD - TOP OF DEPRESSED CURB, TW - TOP OF RETAINING WALL, BW - BOTTOM OF RETAINING WALL, OP - OUTLET OF PIPE, T/P - TOP OF PIPE, B/P - BOTTOM OF PIPE, WM - WATERMAN, SAN - SANITARY SEWER, STM - STORM SEWER, LO - LOOK OUT, PLO - PARTIAL LOOK OUT.

BENCH MARK

SOURCE BENCHMARK: WEST BONNET BOLT ON A FIRE HYDRANT LOCATED ON THE WEST SIDE OF 70TH COURT 1/2 - 20' SOUTH OF THE SOUTH PROPERTY LINE OF THE SITE. ELEVATION 730.15 (NAVD 1988)



TYPICAL ASPHALT PAVEMENT SECTION

- 1. 1.5" HMA SURFACE COURSE, MIX "C", N50
2. 2.5" HMA BINDER COURSE, IL 19.0, N50
3. 12" AGGREGATE BASE COURSE, TYPE B
4. COMPACTED AND STABLE SUBGRADE

TYPICAL CONCRETE PAVEMENT SECTION

N.T.S.

Table with columns: NO., DATE, REMARKS.

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TYPICAL SECTIONS AND GENERAL NOTES
FACTORY MOTOR PARTS ADDITION
15605 S. 70TH COURT
ORLAND PARK, ILLINOIS

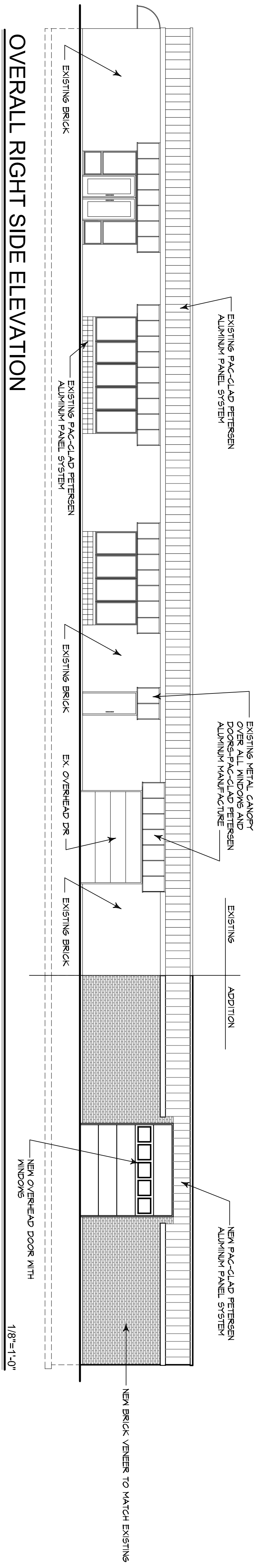
CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS
9275 W. Higgins Road, Suite 700, Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065



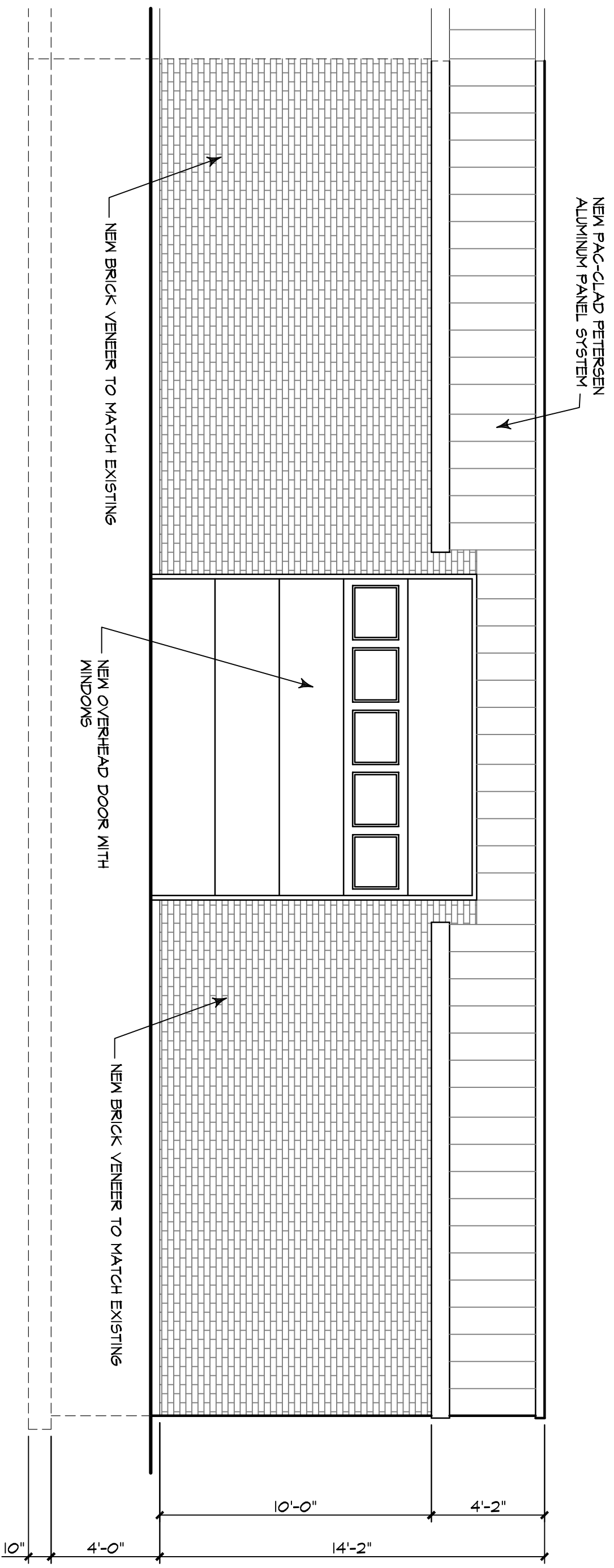
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DATE: 10/18/11

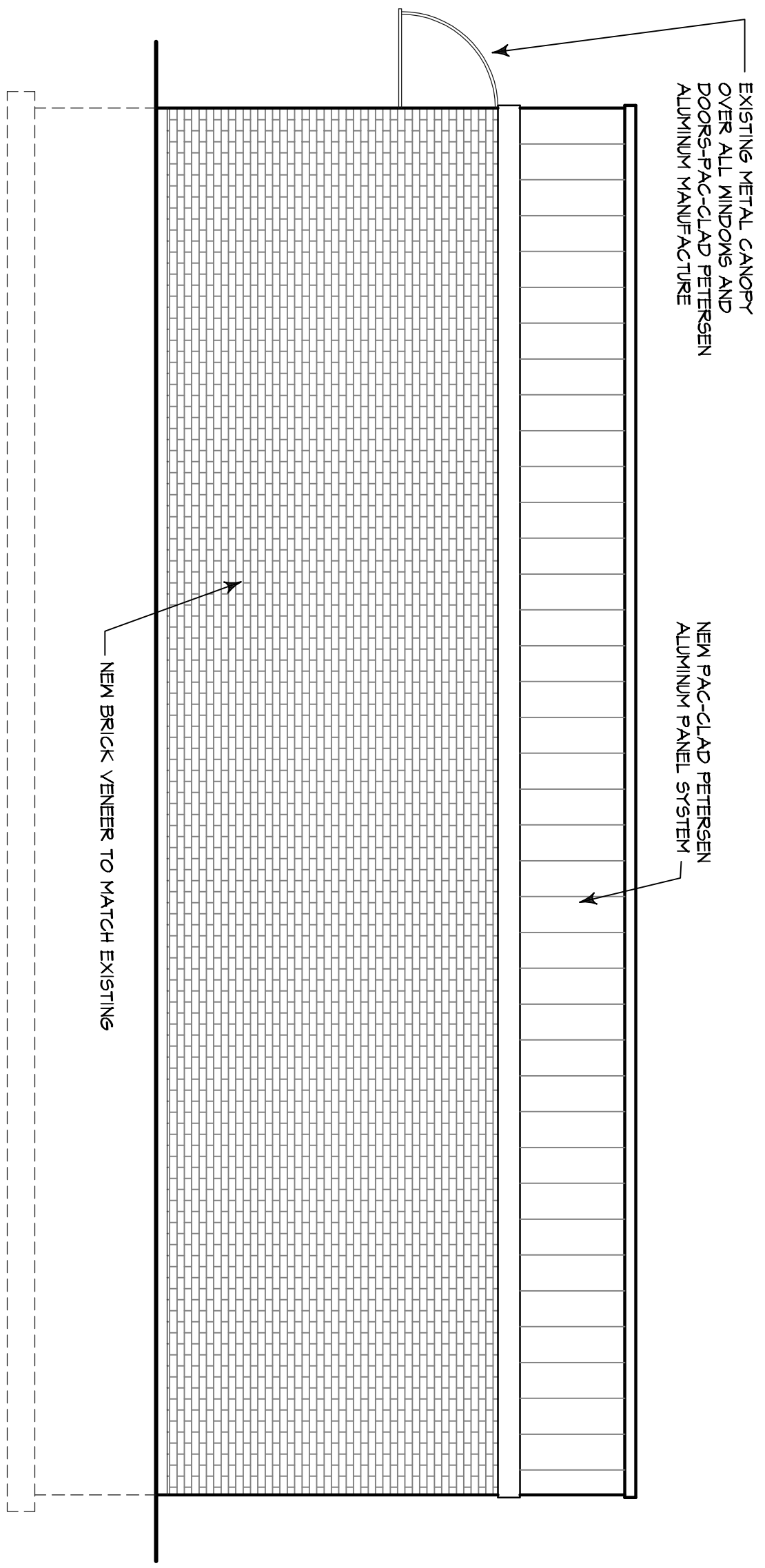
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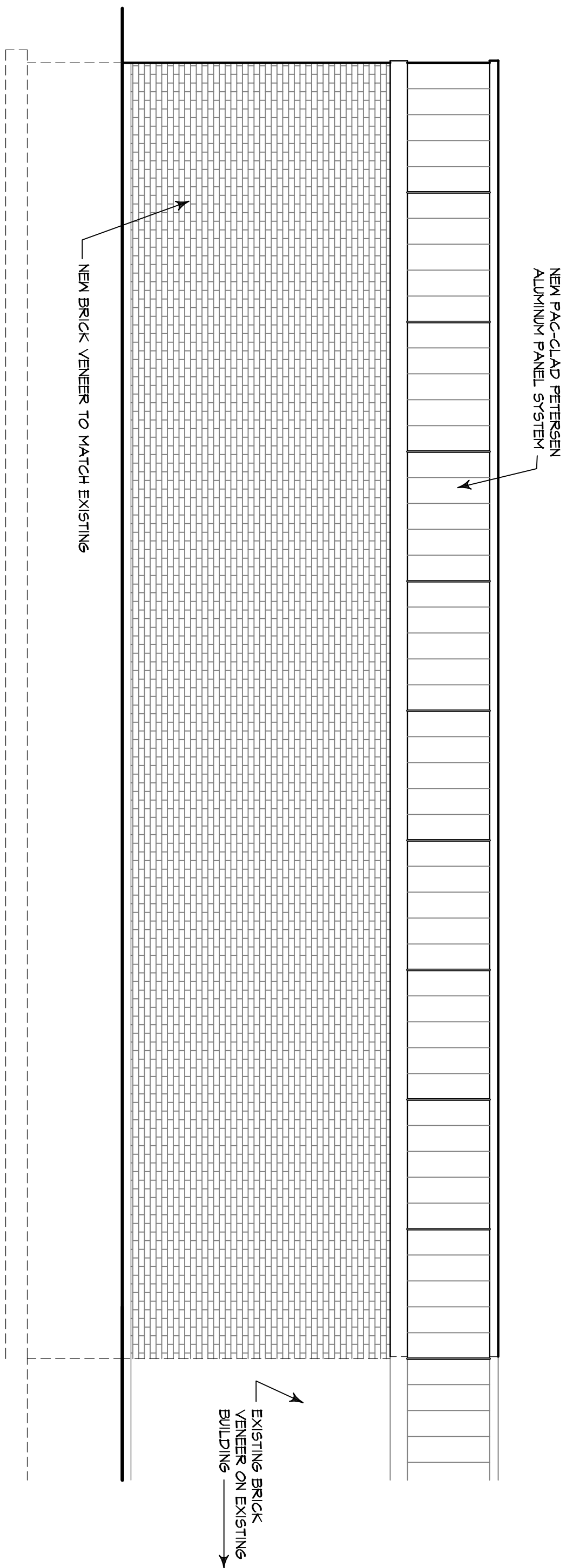
OVERALL RIGHT SIDE ELEVATION



RIGHT SIDE ELEVATION



REAR ELEVATION



LEFT ELEVATION

NO.	DATE	REVISIONS	BY

DRAWN BY: RB PREVIOUS: 2009.027

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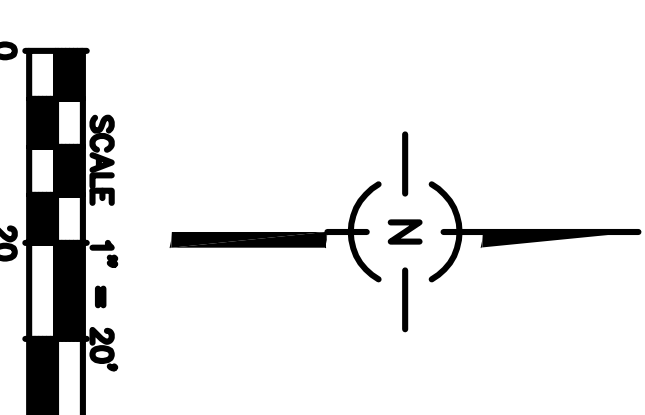
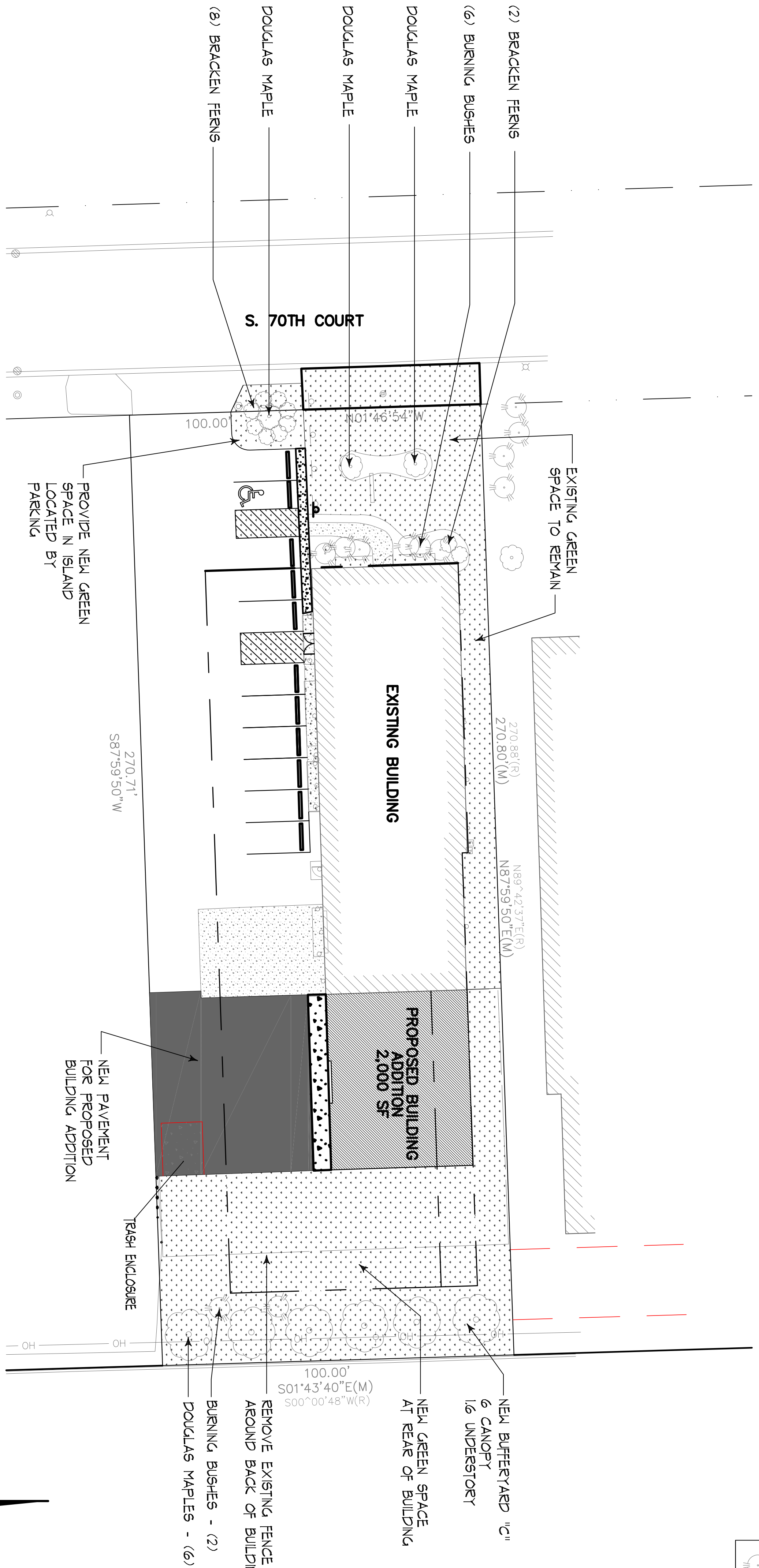
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Tri-K Development
 Factory Motor Parts
 Addition
 15605 S. 70th Court
 Orland Park, Illinois 60462

DATE 02.06.12
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LANDSCAPE PLAN



LANDSCAPE LIST

SYMBOL	NAME	COUNT
	DOUGLAS MAPLE	3
	BRACKEN FERN	10
	BURNING BUSH	6
	CANOPY TREES DOUGLAS MAPLE	6
	UNDERSTORY BURNING BUSH	2

NO.	DATE	REVISIONS	BY

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