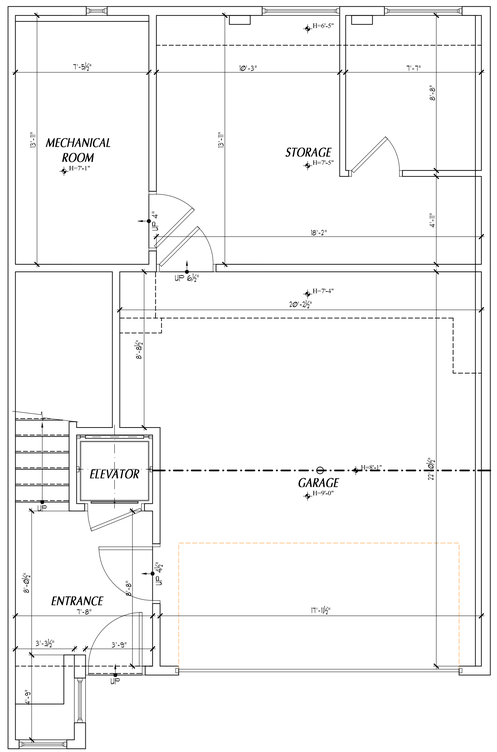


EXISTING FIRST FLOOR PLAN

SCALE: 1/4"=1'-0"

Revisions	Date

Aris Crist Architects
8 Oak Street West
Greenwich, Connecticut 06830
203 661 0661

RESIDENCE No. 1672

159 COLLEGE PLACE
FAIRFIELD CT, 06824

EXISTING FIRST FLOOR PLAN

Drawn	L.F.O.
Checked	
Date	08.06.14
Scale	AS NOTED
Job Number	1672
Sheet	A-1.0

GENERAL NOTES:

1 THE WORK SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE 2005 CONNECTICUT STATE RESIDENTIAL BUILDING CODE WHICH IS THE 2009 INTERNATIONAL RESIDENTIAL CODE (IRC), EXCEPT AS AMENDED, ALTERED OR DELETED BY THE PROVISIONS OF THE 2013 CONNECTICUT AMENDMENT.

2 THE STRUCTURAL COMPONENTS HAVE BEEN DESIGNED FOR THE FOLLOWING LIVE LOADS:

FLOOR LIVE LOADS:
ROOMS OTHER THAN SLEEPING ROOMS 40 PSF

3 ALL STRUCTURAL WORK SHOWN OR SPECIFIED ON THESE DRAWINGS IS SUBJECT TO REVIEW BY THE STRUCTURAL ENGINEER OF RECORD. ASPECTS OF THE WORK FOUND TO BE DEFECTIVE BECAUSE IT DOES NOT MEET THE REQUIREMENTS SHOWN OR SPECIFIED SHALL BE CORRECTED BY THE CONTRACTOR AT NO EXTRA COST TO THE OWNER AS DIRECTED BY THE ENGINEER.

4 THIS WORK HAS BEEN DESIGNED TO BE SELF–SUPPORTING AND STABLE AFTER THE CONSTRUCTION HAS BEEN COMPLETED. THE STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. THIS RESPONSIBILITY EXTENDS TO ALL ASPECTS OF THE CONSTRUCTION ACTIVITY INCLUDING, BUT NOT LIMITED TO, JOBSITE SAFETY, ERECTION METHODS, ERECTION SEQUENCE, TEMPORARY BRACING AND SHORING, USE OF EQUIPMENT AND SIMILAR CONSTRUCTION PROCEDURES. REVIEW OF CONSTRUCTION BY THE ENGINEER IS FOR CONFORMANCE WITH THE DESIGN ASPECTS ONLY, NOT TO REVIEW THE CONTRACTOR'S CONSTRUCTION PROCEDURES. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO CONSTRUCTION PROCEDURES IS NOT TO BE INTERPRETED AS APPROVAL OF THOSE PROCEDURES.

5 SHOP DRAWINGS SUBMITTALS TO THE ENGINEER FOR APPROVAL ARE REQUIRED FOR:

A. STRUCTURAL STEEL

FABRICATION AND/ OR DELIVERY TO THE SITE OF THESE MATERIALS PRIOR TO RECEIPT OF APPROVAL BY THE ENGINEER IS SOLELY AT THE CONTRACTOR'S OWN RISK.

6 SOME DETAILS OF THE WORK MAY BE SHOWN ON THE ARCHITECTURAL DRAWINGS. A CAREFUL REVIEW AND STUDY OF THESE DETAILS ARE NECESSARY BEFORE THE FULL SCOPE OF THE WORK CAN BE COMPREHENDED.

7 THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATION, AND ANGLES WITH ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.

8 DO NOT SCALE DRAWINGS.

CONNECTIONS TO EXISTING MASONRY OR CAST–IN–PLACE CONCRETE:

1 ALL PROPRIETARY ANCHORING SYSTEMS (EXPANSION, ADHESIVE ANCHORING SYSTEMS, ETC.) TO BE INSTALLED INTO EXISTING CONCRETE ELEMENTS ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR DRILLING AND CLEANING OF HOLES, FOR SPACING AND EDGE DISTANCE REQUIREMENTS, AND FOR THE UTILIZATION OF SUPPLEMENTAL COMPONENTS FOR THE ANCHORING SYSTEMS SUCH AS DOWELING ADHESIVES, ETC.

2 UNLESS NOTED ON PLAN, CONNECTIONS TO EXISTING SOLID CAST–IN–PLACE CONCRETE SHALL BE MADE USING SIMPSON "SET–XP" EPOXY ANCHORING SYSTEM, HILTI "HIT–RE 500–SD" ADHESIVE ANCHORING SYSTEM, HILTI "HIT–HY 150 MAX SD" ADHESIVE ANCHORING SYSTEM OR EQUAL AS APPROVED BY THE ENGINEER. SIZE, EMBEDMENT, SPACING, AND EDGE DISTANCES OF ANCHORS AND REINFORCING BARS SHALL BE AS INDICATED ON THE DRAWINGS.

3 FOR CONNECTIONS TO EXISTING CONCRETE, CONTRACTOR MUST LOCATE THE POSITION OF EXISTING REINFORCING BARS WITH AN R–METER OR PILOT HOLES PRIOR TO THE INSTALLATION OF ANCHORS. NOTIFY ENGINEER OF FIELD CONFLICTS PRIOR TO INSTALLATION.

STRUCTURAL STEEL NOTES:

1 DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE "SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS – ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN" AS ADOPTED IN JUNE 1989 WITH THE SUPPLEMENT NO. 1, 2001, BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.

2 MATERIALS:

STRUCTURAL STEEL PIPE ASTM A53, GRADE B (F_y=35 KSI)

3 STEEL SHALL BE ERECTED TO A TOLERANCE OF NOT MORE THAN 1/4" IN 10'–0" OUT–OF PLUMB, NOR 1/8" FROM THE REQUIRED ELEVATION.

4 SEE ARCHITECTURAL SPECIFICATIONS FOR FINISHED PAINT, IF REQUIRED.

5 CERTIFICATES OF COMPLIANCE SHALL BE SUBMITTED TO THE ENGINEER FOR STRUCTURAL STEEL, BOLTS, NUTS, WASHERS, AND WELD FILLER MATERIAL PRIOR TO THE FABRICATION OF ANY STEEL.

WOOD FASTENERS NOTES:

1 BOLTS SHALL CONFORM TO ASTM A307 OR ASTM A36.

4 LAG AND WOOD SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.6.1–19.81.

5 ALL FASTENERS USED IN CONTACT WITH PRESERVATIVE PRESSURE TREATED WOOD SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A153 OR STAINLESS STEEL, TYPE 316. DO NOT MIX STAINLESS STEEL AND GALVANIZED FASTENERS AND CONNECTORS.

6 BORED LEAD HOLES FOR FASTENERS SHALL BE AS FOLLOWS:

A. NAIL AND SPIKE LEAD HOLES ARE NOT REQUIRED UNLESS TO PREVENT SPLITTING OF WOOD. IF REQUIRED, LEAD HOLE DIAMETER SHALL NOT EXCEED 75% OF NAIL/SPIKE DIAMETER.

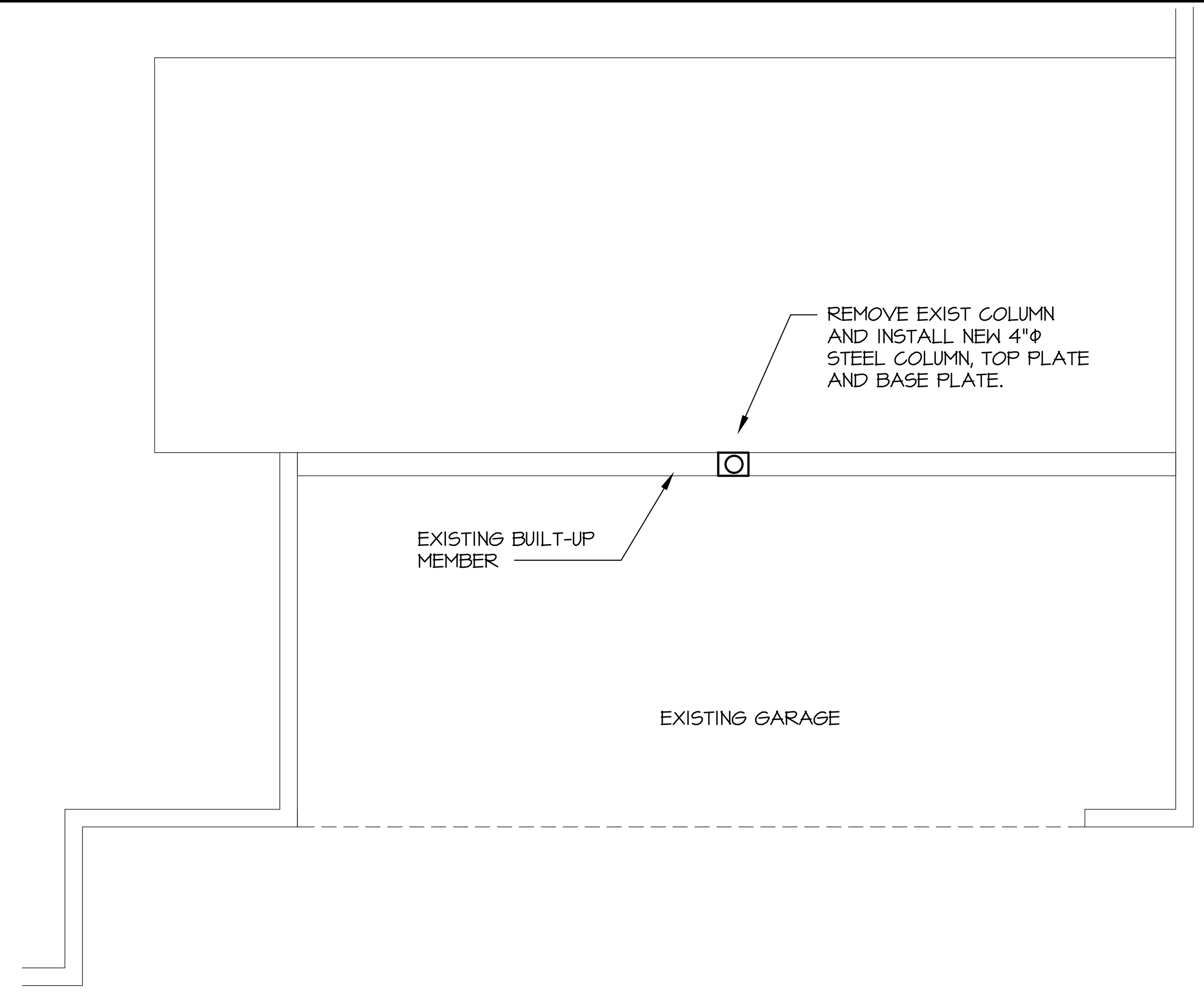
B. WOOD SCREWS – LEAD HOLE DIAMETER EQUALS 7/8 OF UNTHREADED SHANK DIAMETER IN CONNECTED WOOD PART AND 7/8 OF DIAMETER AT ROOT OF THREAD IN WOOD RECEIVING THREAD.

C. LAG SCREWS – LEAD HOLE DIAMETER EQUALS SHANK DIAMETER FOR EXTENT OF UNTHREADED SHANK, AND 60% OF SHANK DIAMETER FOR THREADED PORTION OF SHANK.

D. THRU BOLTS – LEAD HOLE DIAMETER 1/32" TO 1/16" LARGER THAN NOMINAL BOLT DIAMETER.

7 INSERT THREADED SCREW TYPE FASTENERS BY TURNING WITH SCREWDRIVER OR WRENCH. DO NOT DRIVE BY HAMMERING. FACILITATE INSTALLATION BY PLACING SOAP OR OTHER LUBRICANT ON THREADS.

8 PROVIDE STANDARD ROUND WASHERS UNDER THE HEADS OF ALL THRU BOLTS AND LAG SCREWS AND UNDER ALL NUTS UNLESS OTHERWISE INDICATED ON THE PLANS. TIGHTEN FASTENERS WITHOUT CRUSHING WOOD FIBERS UNDER WASHERS.



PARTIAL FIRST FLOOR PLAN

NO SCALE

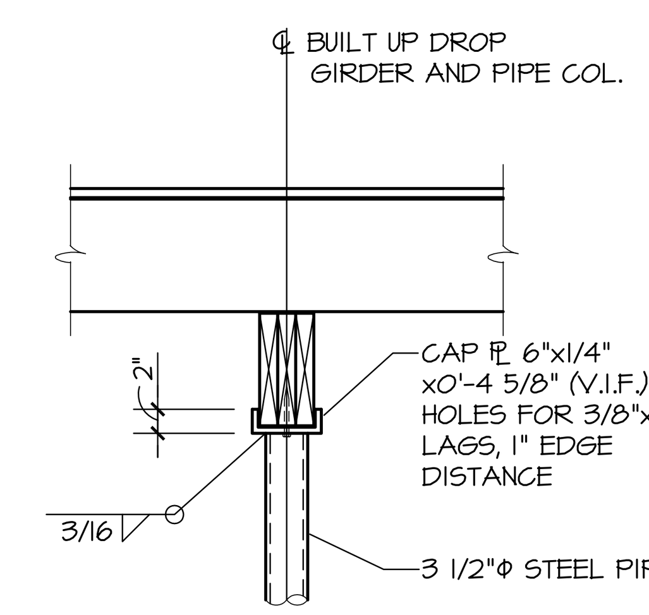
NORTH:

- REPAIR PROCEDURE:
  1. SHORE EXISTING CONSTRUCTION. THE SHORING SHALL BE RATED FOR 3 TONS MIN. INSTALL TIGHT TO EXISTING BUILT-UP GARAGE BEAM AND JACK UP STRUCTURE SLIGHTLY TO REMOVE EXISTING COLUMN.
  2. REMOVE EXISTING COLUMN. MEASURE WIDTH OF GARAGE BEAM TO FABRICATE TOP COLUMN CONNECTION.
  3. FABRICATE AND INSTALL NEW COLUMN.
  4. REMOVE SHORING.
- DO NOT SCALE DRAWING.

COLUMN REPLACEMENT PLAN

NOT TO SCALE

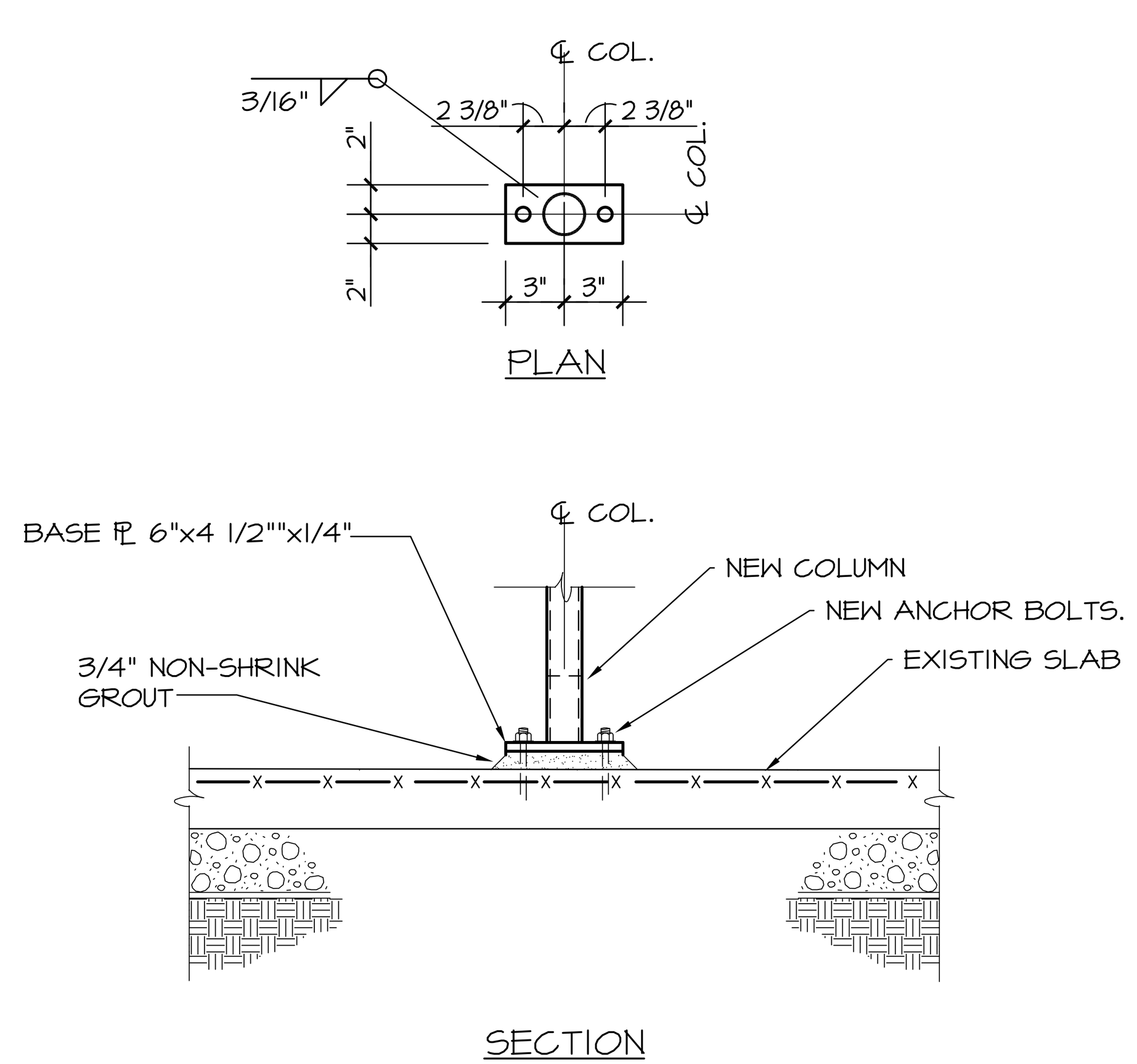
1 / R1



TOP PLATE DETAIL

NOT TO SCALE

2 / R1



NOTE: ANCHORS SHALL BE HILTI KWIK BOLT 3, 1/2"Φ, WITH 3" MIN. EMBEDMENT.

BOTTOM PLATE DETAIL

NOT TO SCALE

3 / R1

No:	REVISION	DATE

The DiSalvo Engineering Group
Structural Engineers
63 Copps Hill Rd, Ridgefield, CT 06877
(203) 438-9581 | www.tdeg.com

SEAL:

REPAIR DETAILS
PARKING GARAGE REPAIRS

RESIDENCE
159 COLLEGE PLACE
FAIRFIELD, CT

DATE:	8/15/14
SCALE:	AS NOTED
PROJ. LEADER:	HCH
PROJ. ENGINEER:	GCF
DRAWN BY:	GCF
JOB No:	13288.00
SHEET:	R1