

Sheridan
Institute of Technology
and Advanced Learning

STC CAMPUS
407 IROQUOIS SHORE RD.
Oakville, ON L6H 1M3

STC - PLUMBING LAB RENOVATION (PHASE 3)

GENERAL NOTES

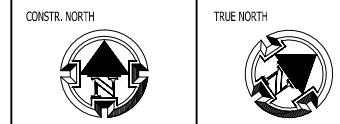
1. THE WORK SITE IS LOCATED AT THE STC CAMPUS IN OAKVILLE, AT THE ABOVE NOTED ROOMS.
2. ALL SITE VISITS TO BE COORDINATED WITH SHERIDAN PROJECT MANAGER.
3. VERIFY EXISTING SITE CONDITIONS. VERIFY ALL DIMENSIONS ON DRAWINGS AND REPORT ANY DISCREPANCIES TO SHERIDAN PROJECT MANAGER. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. ALL WORK TO CONFORM TO THE LATEST EDITION OF ONTARIO BUILDING CODE, PLUMBING CODE, ONTARIO ELECTRICAL SAFETY CODE AND LOCAL MUNICIPAL REGULATIONS.
5. PERSONAL PROTECTIVE EQUIPMENT MUST BE WORN BY WORKERS AT ALL TIMES (IE. SAFETY FOOTWEAR, HATS, GLASSES, ETC.) WHERE APPLICABLE. FAILURE TO DO SO MAY RESULT IN SUSPENSION OR CONTRACT TERMINATION.
6. SHERIDAN COLLEGE BUILDING AND PROPERTIES CONTAIN HAZARDOUS ELECTRICAL LINES & EQUIPMENT. SHERIDAN COLLEGE MUST BE ADVISED OF ALL ONGOING CONSTRUCTION ACTIVITIES, INVESTIGATIONS AND INSPECTIONS. UNDER NO CIRCUMSTANCES SHALL A CONTRACTOR, THEIR REPRESENTATIVES OR WORKERS ENTER COLLEGE PROPERTY WITHOUT PRIOR ARRANGEMENT WITH SHERIDAN COLLEGE PROJECT MANAGER. THESE RESTRICTIONS APPLY TO ALL SUBCONTRACTORS EMPLOYED BY THE GENERAL CONTRACTOR.
7. REQUESTS FOR MATERIAL EQUIVALENTS TO BE SUBMITTED TO SHERIDAN COLLEGE PROJECT MANAGER.
8. WORK SHALL BE EXECUTED BY WORKERS EXPERIENCED AND SKILLED IN THEIR RESPECTIVE DUTIES FOR WHICH THEY ARE EMPLOYED.
9. KEEP PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS & RUBBISH. UPON COMPLETION OF WORK, CLEAN AND REMOVE FROM SITE ALL DEBRIS, SURPLUS MATERIALS, TOOLS & EQUIPMENT. LEAVE THE BUILDING AND THE JOBSITE IN A NEAT AND TIDY CONDITION TO THE SATISFACTION OF SHERIDAN PROJECT MANAGER.
10. ANY FINISHES OUTSIDE OF THE SCOPE OF WORK AREA THAT MAY BE DAMAGED DURING THE COURSE OF CONSTRUCTION IS TO BE MADE GOOD AS PER EXISTING AND TO THE SATISFACTION OF SHERIDAN COLLEGE PROJECT MANAGER.
11. REFER TO ALL REQUIREMENTS AND SPECIFICATIONS ON DRAWINGS AND BID DOCUMENTS.

DRAWING LIST

- A1 - SITE PLAN & KEY PLAN
- A2 - EXISTING FLOOR PLAN
- A3 - FIRST FLOOR - PHASE 3
- A4 - SECOND FLOOR - PHASE 3
- A5 - FLOOR FRAMING
- A6 - ELEVATION/SECTION
- A7 - ELEVATION
- E1 - FIRST FLOOR ELECTRICAL
- E2 - SECOND FLOOR ELECTRICAL

SHERIDAN COLLEGE - FACILITY PROJECTS
CHAD MANSELL, PROJECT MANAGER
(905) 845-9430 X2232

SHERIDAN COLLEGE - FACILITY PROJECTS
NATHAN CASE, PROJECT COORDINATOR
(905) 845-9430 X2269



- GENERAL NOTES:**
- Drawings are meant to be read, and not scaled
 - Dimensions to be verified on site
 - Contractors must check and verify all dimensions and report discrepancies to the Project Coordinator before commencing with work
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TASK SPECIFIC NOTES:

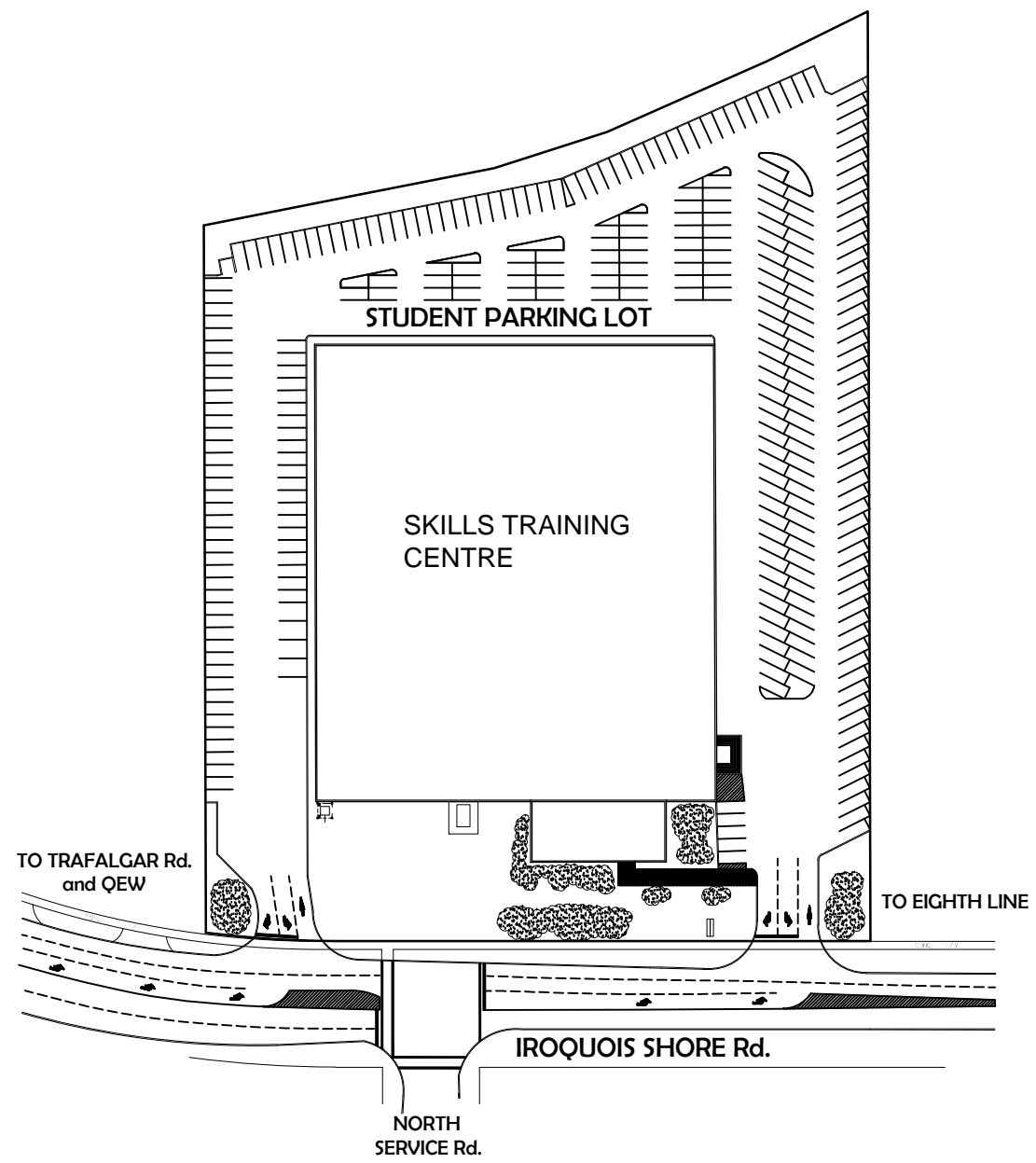
NO.	REVISION	DATE APRVD.
1	ISSUED FOR TENDER	11/1/12

PROJECT NAME:
**SKILLS TRAINING CENTRE
STC- PLUMBING LAB RENOVATION**

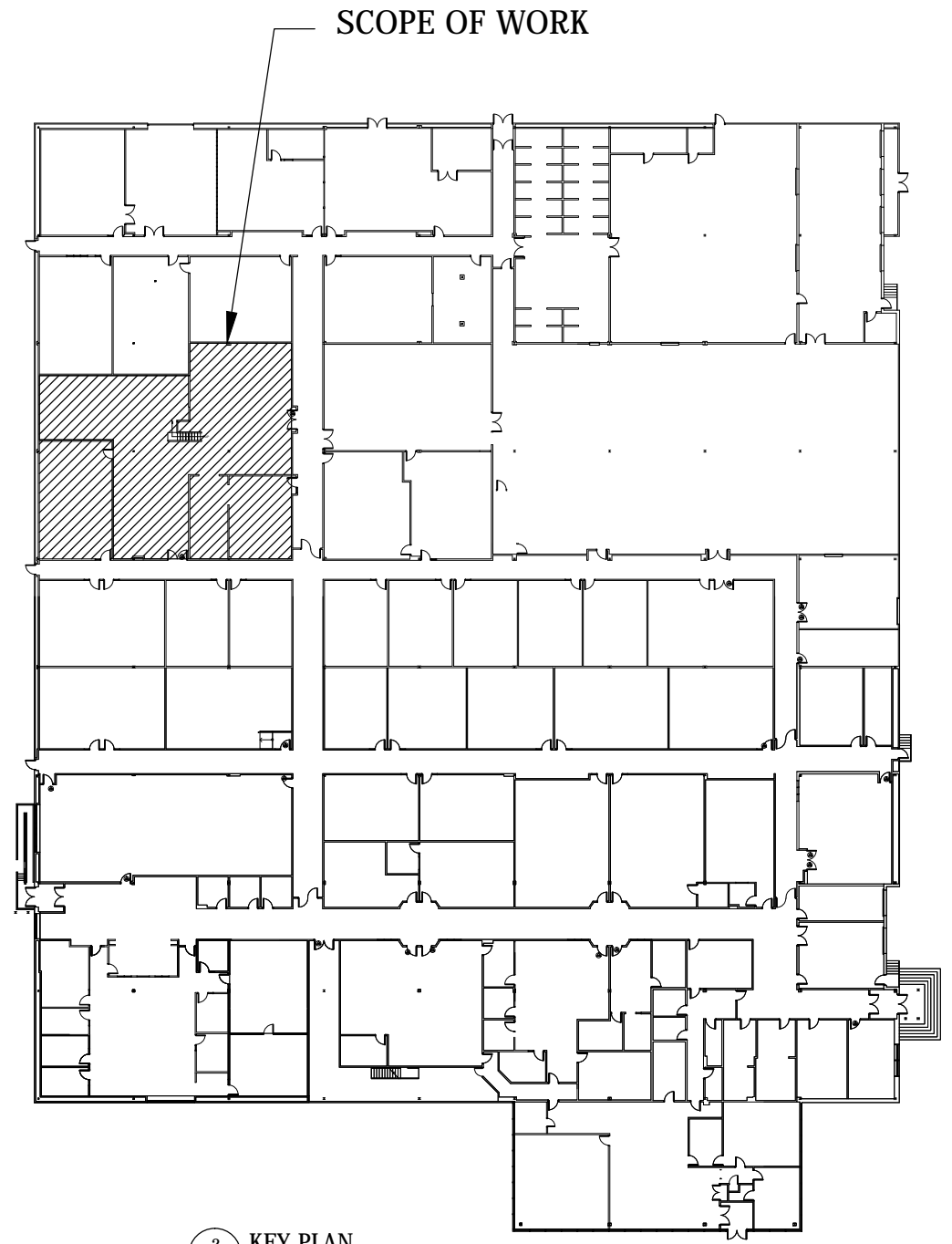
SEAL:

SHEET NAME:
SITE PLAN AND KEY PLAN

DRAWN BY: NC	CHECKED BY: CLM
DATE: OCT 2012	SHEET NO.:
REVISION: -	A1
SCALE: AS NOTED	



1
A1 **SITE PLAN**
SCALE: NTS



2
A1 **KEY PLAN**
SCALE: NTS

CONSTR. NORTH



TRUE NORTH



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TASK SPECIFIC NOTES:

- MAKE GOOD OF EXISTING
- SITE VERIFY DIMENSIONS AND QUANTITIES

NO.	REVISION	DATE APPRVD.
1	ISSUED FOR TENDER	11/1/12

PROJECT NAME:
**SKILLS TRAINING CENTRE
STC- PLUMBING LAB RENOVATION**

SEAL:

SHEET NAME:
EXISTING FLOOR PLAN

DRAWN BY: **NC** CHECKED BY: **CLM**

DATE: **OCT 2012** SHEET NO.:

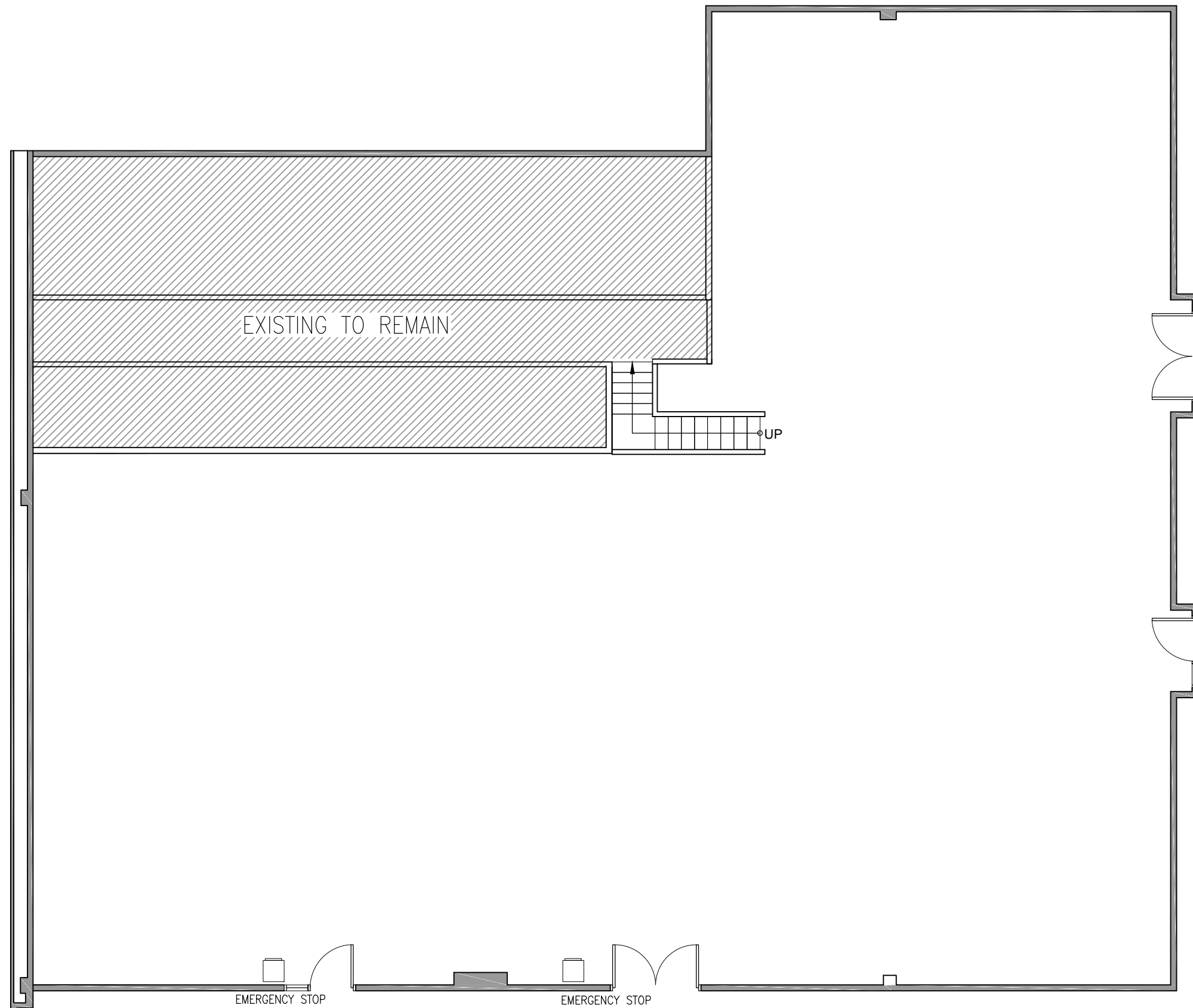
REVISION: **-**

SCALE: **AS NOTED**

A2

NOTES:

- 1 MAKE ACCOMMODATIONS TO TEMPORARY RELOCATE ALL FURNITURE AND EQUIPMENT DURING PHASE 3 CONSTRUCTION. UPON COMPLETION OF PHASE 3 RELOCATE FURNITURE BACK INTO PLUMBING LAB (COORDINATE WITH SHERIDAN)



1
A2 **EXISTING FIRST FLOOR**
1/8"=1'-0"

CONSTR. NORTH



TRUE NORTH



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TASK SPECIFIC NOTES:

- MAKE GOOD OF EXISTING
- SITE VERIFY DIMENSIONS AND QUANTITIES

NO.	REVISION	DATE APPRD.
1	ISSUED FOR TENDER	11/1/12

PROJECT NAME:
**SKILLS TRAINING CENTRE
STC- PLUMBING LAB RENOVATION**

SEAL:

SHEET NAME:
FIRST FLOOR - PHASE 3

DRAWN BY:
NC

DATE: **OCT 2012**

REVISION: **-**

SCALE: **AS NOTED**

CHECKED BY:
CLM

SHEET NO.:

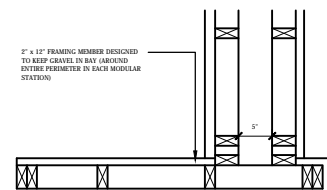
A3

NOTES:

- EXCAVATE AND CONSTRUCT NEW SEWER PIT (BY OTHERS)
- PIPE AND FITTING STORAGE (USE EXISTING SHELVING)
- SUPPLY AND INSTALL STAIR CASE TO MEET GUIDELINES AS OUTLINED IN THE D.B.C (BY OTHERS)
- SUPPLY AND INSTALL PRE-FABRICATED STEEL MEZZANINE TO MEET GUIDELINES AS OUTLINED IN THE D.B.C (BY OTHERS)
- CONSTRUCT NEW MODULES TYPICAL (MATCH EXISTING MODULES)
- SUPPLY AND INSTALL C/W SECURE LOCKING DOORS (BY OTHERS)
- RELOCATE FURNITURE AS PER PROPOSED LAYOUT
- SUPPLY AND INSTALL FENCE AND EXTEND TO UNDERSIDE OF MEZZANINE (BY OTHERS)
- 2" X 12" FRAMING MEMBER TO BE INSTALLED AT BASE AND FILL WITH 10" GRAVEL COURSE (SEE A6)
- REMOVE AND DISPOSE OF DOOR AND FRAME OFF SITE. FILL IN VOID WITH NEW PARTITION (PATCH, PAINT AND ADD BASE TO MATCH EXISTING)
- SUPPLY AND INSTALL PRE-FABRICATED STEEL CATWALK TO MEET GUIDELINES AS OUTLINED IN THE D.B.C (BY OTHERS)
- RELOCATE EXISTING LIFT AND ATTACH TO THIS COLUMN
- REPLACE LOCK HARDWARE ON EXISTING DOOR (PROVIDE SHERIDAN FACILITIES WITH MASTER KEY) (BY OTHERS)
- SUMP PUMP (BY OTHERS)
 - SUMP TANK
 - DRAIN SYSTEM
 - SUMP PUMP (C/W ALL NECESSARY EQ'T)
 - DISCHARGE PIPE
 - SEWER PIT COVER
 *COORDINATE WITH SHERIDAN FOR DRAIN CONNECTION LOCATION

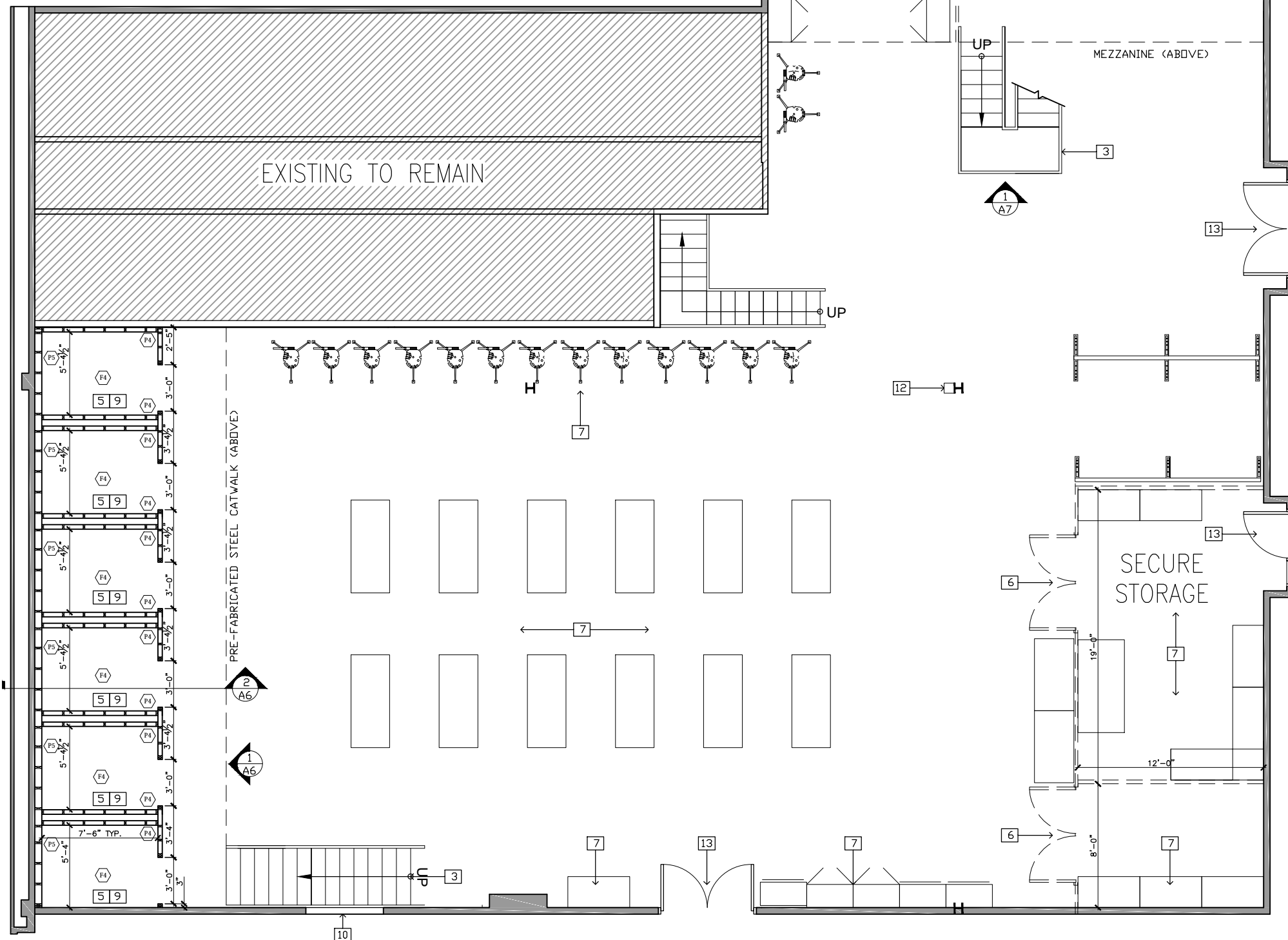
TASK SPECIFIC NOTES:

- REFER TO SPECIFICATIONS FOR MEZZANINE, WORK CUBICLE CONSTRUCTION AND SEWER PIT
- WALL FRAMING TO BE CONSTRUCTED AS PER GUIDELINES OUTLINED BY THE D.B.C
- 5" SPACE BETWEEN WALL FRAMING FOR STACK CONNECT TYPICAL
- ALL WOOD FRAMING FOR MAIN FLOOR ASSEMBLY TO BE PRESSURE TREATED
- PAINT ALL (3) DOOR AND FRAMES AS PER SPEC IN TENDER DOCUMENT



- P1 3/4" WOOD STUDS @ 16" O.C.
- P2 5/8" WOOD STUDS @ 16" O.C.
- P3 3/4" WOOD STUDS @ 16" O.C. w/ 2" X 12" FRAMING MEMBER AT BASE AS BACKING FOR GRANULAR INFILL
- P4 3/4" WOOD STUDS @ 16" O.C. w/ 2" X 12" FRAMING MEMBER AT BASE AS BACKING FOR GRANULAR INFILL
- P5 3/4" WOOD STUDS @ 16" O.C. w/ 2" X 12" FRAMING MEMBER AT BASE AS BACKING FOR GRANULAR INFILL

- F1 7/8" PLYWOOD SUBFLOOR
- F2 PRE-FABRICATED STEEL CATWALK (GRATING)
- F3 PRE-FABRICATED STEEL MEZZANINE (SOLID)
- F4 EXISTING 5" CONCRETE SLAB w/ 10" GRANULAR FILL



1
A3 **FIRST FLOOR - PHASE 3**
1/8"=1'-0"

CONSTR. NORTH



TRUE NORTH



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TASK SPECIFIC NOTES:

- MAKE GOOD OF EXISTING
- SITE VERIFY DIMENSIONS AND QUANTITIES

NO.	REVISION	DATE APPRVD.
1	ISSUED FOR TENDER	11/1/12

PROJECT NAME:
**SKILLS TRAINING CENTRE
STC- PLUMBING LAB RENOVATION**

SEAL:

SHEET NAME:
SECOND FLOOR - PHASE 3

DRAWN BY:
NC

CHECKED BY:
CLM

DATE: **OCT 2012**

SHEET NO.:

REVISION: **-**

A4

SCALE: **AS NOTED**

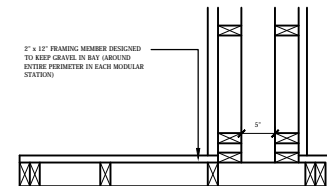
NOTES:

- EXCAVATE AND CONSTRUCT NEW SEWER PIT (BY OTHERS)
- PIPE AND FITTING STORAGE (USE EXISTING SHELVING)
- SUPPLY AND INSTALL STAIR CASE TO MEET GUIDELINES AS OUTLINED IN THE D.B.C (BY OTHERS)
- SUPPLY AND INSTALL PRE-FABRICATED STEEL MEZZANINE TO MEET GUIDELINES AS OUTLINED IN THE D.B.C (BY OTHERS)
- CONSTRUCT NEW MODULES TYPICAL (MATCH EXISTING MODULES)
- SUPPLY AND INSTALL CAGING C/W SECURE LOCKING DOORS (BY OTHERS)
- RELOCATE FURNITURE AS PER PROPOSED LAYOUT
- SUPPLY AND INSTALL FENCE AND EXTEND TO UNDERSIDE OF MEZZANINE (BY OTHERS)
- 2' X 12" FRAMING MEMBER TO BE INSTALLED AT BASE AND FILL WITH 10" GRAVEL COURSE (SEE A6)
- REMOVE AND DISPOSE OF DOOR AND FRAME OFFSITE. FILL IN VOID WITH NEW PARTITION (PATCH, PAINT AND ADD BASE TO MATCH EXISTING)
- SUPPLY AND INSTALL PRE-FABRICATED STEEL CATWALK TO MEET GUIDELINES AS OUTLINED IN THE D.B.C (BY OTHERS)
- RELOCATE EXISTING LIFT AND ATTACH TO THIS COLUMN
- REPLACE LOCK HARDWARE ON EXISTING DOOR (PROVIDE SHERIDAN FACILITIES WITH MASTER KEY) (BY OTHERS)
- SUMP PUMP (BY OTHERS)
 - SUMP TANK
 - DRAIN SYSTEM
 - SUMP PUMP (C/W ALL NECESSARY EQ'T)
 - DISCHARGE PIPE
 - SEWER PIT COVER

*COORDINATE WITH SHERIDAN FOR DRAIN CONNECTION LOCATION

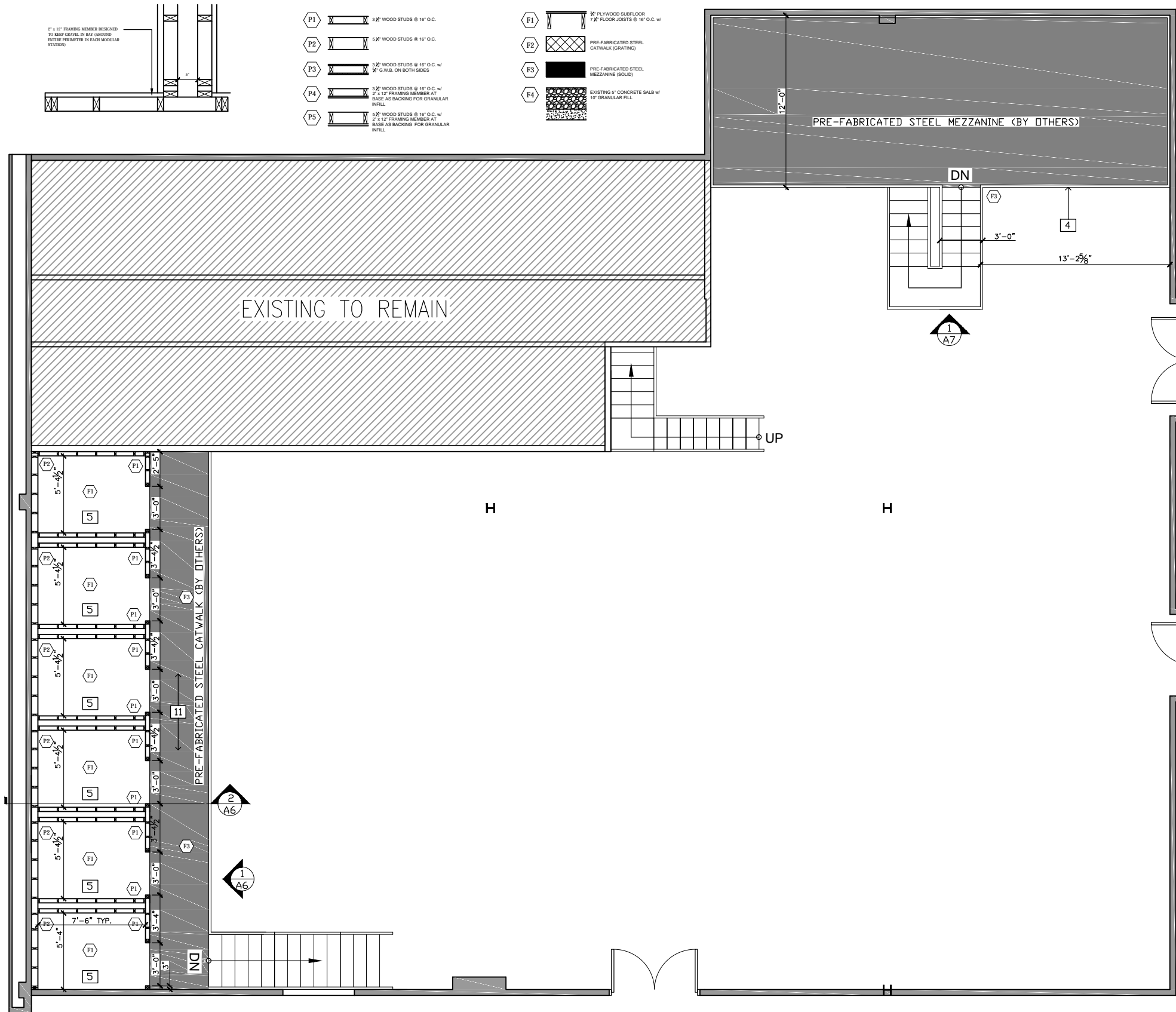
TASK SPECIFIC NOTES:

- REFER TO SPECIFICATIONS FOR MEZZANINE, WORK CUBICLE CONSTRUCTION AND SEWER PIT
- WALL FRAMING TO BE CONSTRUCTED AS PER GUIDELINES OUTLINED BY THE D.B.C
- 5' SPACE BETWEEN WALL FRAMING FOR STACK CONNECT TYPICAL
- ALL WOOD FRAMING FOR MAIN FLOOR ASSEMBLY TO BE PRESSURE TREATED
- GUARDS, NEWELS, HANDRAILS TO BE DESIGNED AS PER D.B.C



- P1 3/4" WOOD STUDS @ 16" O.C.
- P2 3/4" WOOD STUDS @ 16" O.C.
- P3 3/4" WOOD STUDS @ 16" O.C. w/ 2" x 12" FRAMING MEMBER AT BASE AS BACKING FOR GRANULAR INFILL
- P4 3/4" WOOD STUDS @ 16" O.C. w/ 2" x 12" FRAMING MEMBER AT BASE AS BACKING FOR GRANULAR INFILL
- P5 3/4" WOOD STUDS @ 16" O.C. w/ 2" x 12" FRAMING MEMBER AT BASE AS BACKING FOR GRANULAR INFILL

- F1 3/4" PLYWOOD SUBFLOOR 7/8" FLOOR JOISTS @ 16" O.C. w/
- F2 PRE-FABRICATED STEEL CATWALK (GRATING)
- F3 PRE-FABRICATED STEEL MEZZANINE (SOLID)
- F4 EXISTING 5" CONCRETE SLAB w/ 10" GRANULAR FILL



1
A4 SECOND FLOOR - PHASE 3
1/8"=1'-0"

CONSTR. NORTH



TRUE NORTH



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TASK SPECIFIC NOTES:

- MAKE GOOD OF EXISTING
- SITE VERIFY DIMENSIONS AND QUANTITIES

NO.	REVISION	DATE APPRVD.
1	ISSUED FOR TENDER	11/1/12

PROJECT NAME:

**SKILLS TRAINING CENTRE
STC- PLUMBING LAB RENOVATION**

SEAL:

SHEET NAME:

FLOOR FRAMING

DRAWN BY:
NC

CHECKED BY:
CLM

DATE: **OCT 2012**

SHEET NO.:

REVISION: -

SCALE: **AS NOTED**

A5

NOTES:

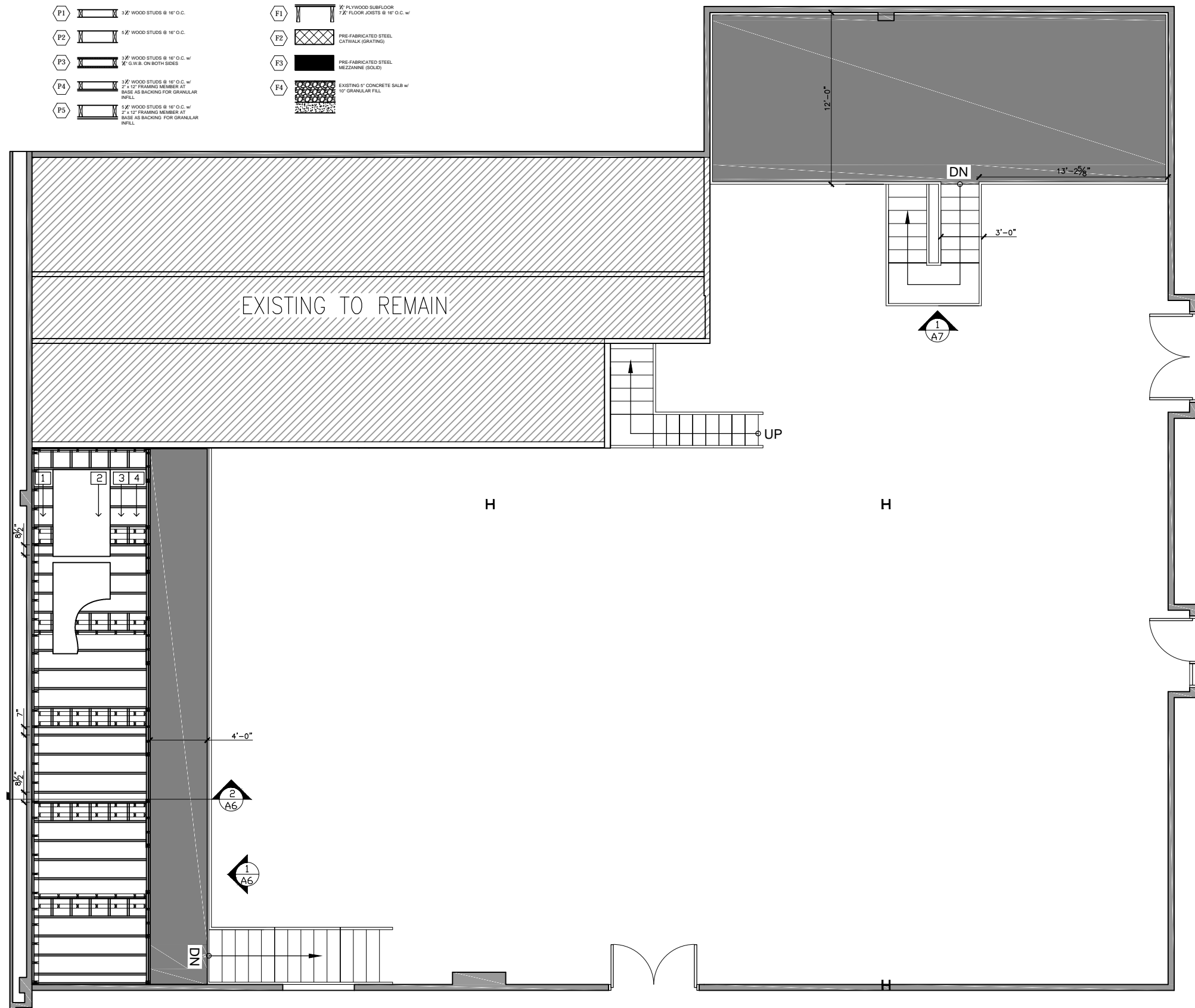
- 1 JOISTS LAID @ 16" O.C UNLESS NOTED TO PRESERVE UNOBSTRUCTED STACK OPENING (REFER TO DIMENSIONS ON A5)
- 2 3/4" PLYWOOD SUB-FLOOR APPLIED IN A MANNER IN WHICH IT DOES NOT COVER STACK OPENINGS
- 3 BLOCKING @ 16" O.C
- 4 FLOOR JOIST - 2" X 8" W/ STRAPPING AND BRIDGING @ 16" O.C

TASK SPECIFIC NOTES:

- REFER TO SPECIFICATIONS FOR MEZZANINE, WORK CUBICLE CONSTRUCTION AND SEWER PIT
- WALL FRAMING TO BE CONSTRUCTED AS PER GUIDELINES OUTLINED BY THE O.B.C
- 5' SPACE BETWEEN WALL FRAMING FOR STACK CONNECT TYPICAL TO REMAIN UNOBSTRUCTED BY FLOOR FRAMING AND SUBFLOORING
- ALL WOOD FRAMING FOR MAIN FLOOR ASSEMBLY TO BE PRESSURE TREATED
- DIMENSIONS MEASURE O.C

- P1 3/4" WOOD STUDS @ 16" O.C
- P2 5/8" WOOD STUDS @ 16" O.C
- P3 3/4" WOOD STUDS @ 16" O.C w/ 2" x 12" FRAMING MEMBER AT BASE AS BACKING FOR GRANULAR INFILL
- P4 3/4" WOOD STUDS @ 16" O.C w/ 2" x 12" FRAMING MEMBER AT BASE AS BACKING FOR GRANULAR INFILL
- P5 3/4" WOOD STUDS @ 16" O.C w/ 2" x 12" FRAMING MEMBER AT BASE AS BACKING FOR GRANULAR INFILL

- F1 3/4" PLYWOOD SUB-FLOOR 7/8" FLOOR JOISTS @ 16" O.C w/
- F2 PRE-FABRICATED STEEL CATWALK (GRATING)
- F3 PRE-FABRICATED STEEL MEZZANINE (SOLID)
- F4 EXISTING 6" CONCRETE SLAB w/ 1" GRANULAR FILL



1 FLOOR FRAMING
1/8" = 1'-0"

CONSTR. NORTH



TRUE NORTH



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TASK SPECIFIC NOTES:

- MAKE GOOD OF EXISTING
- SITE VERIFY DIMENSIONS AND QUANTITIES

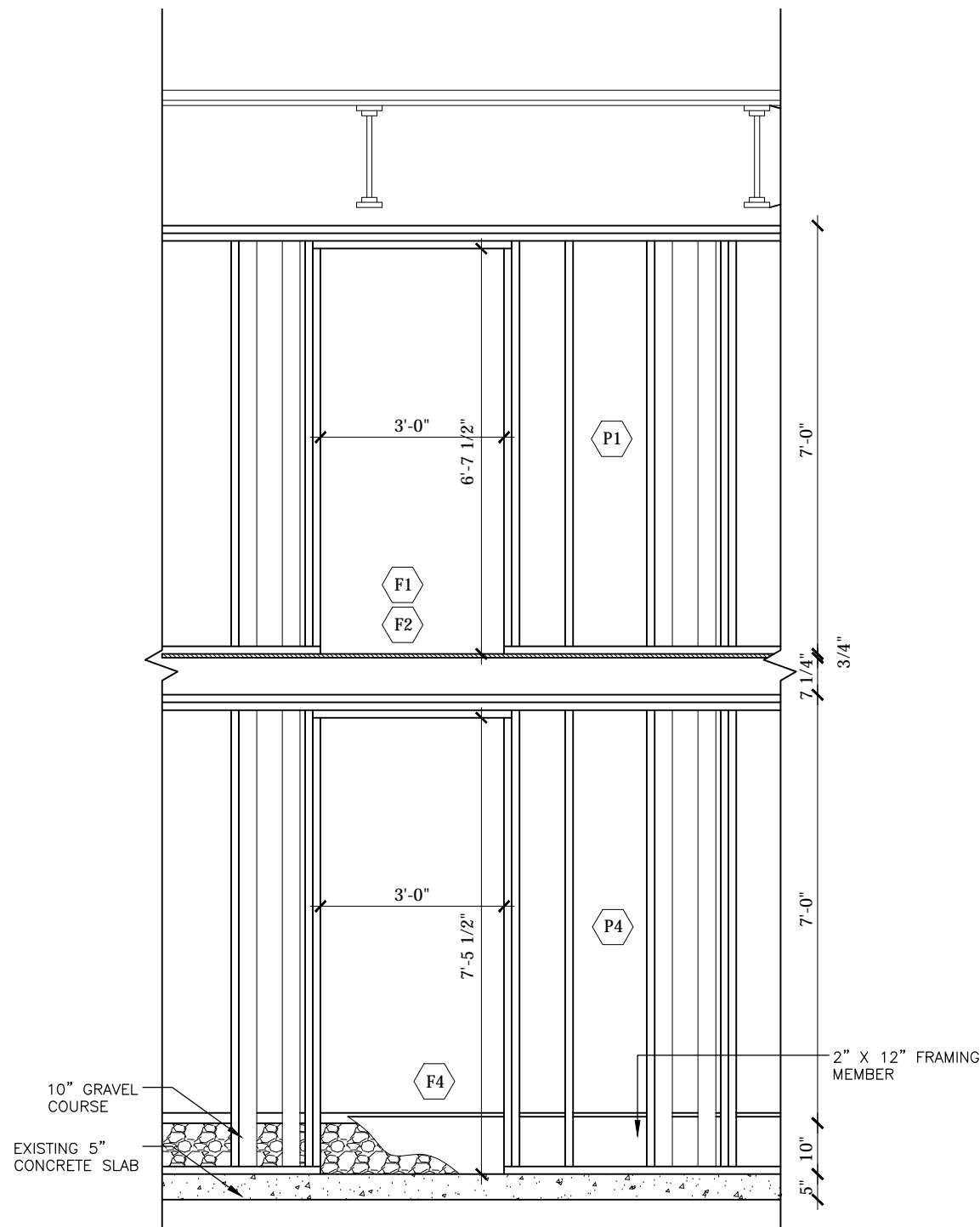
NO.	REVISION	DATE APPRVD.
1	ISSUED FOR TENDER	11/1/12

PROJECT NAME:
**SKILLS TRAINING CENTRE
STC- PLUMBING LAB RENOVATION**

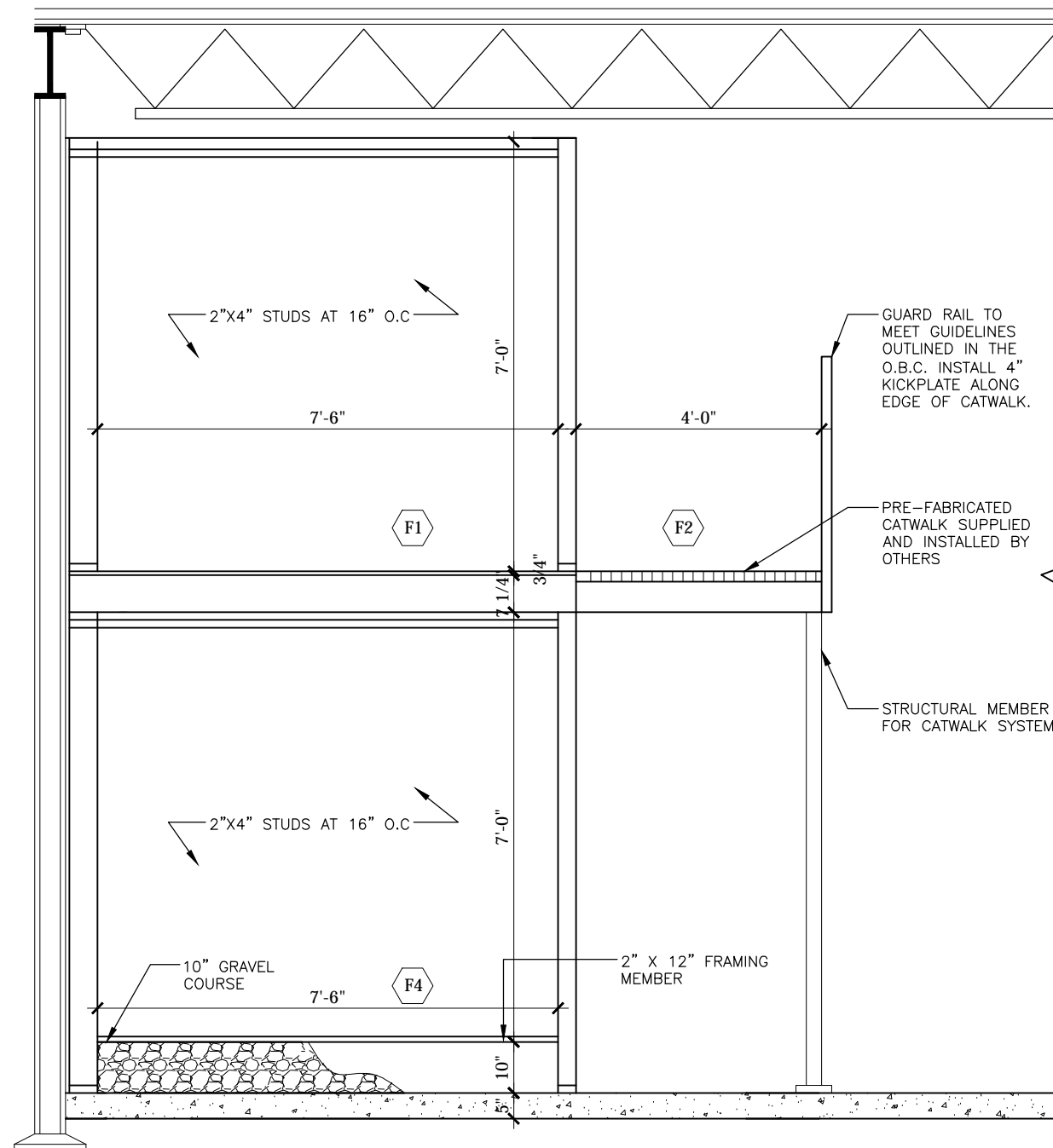
SEAL:

SHEET NAME:
ELEVATION/SECTION

DRAWN BY: NC	CHECKED BY: CLM
DATE: OCT 2012	SHEET NO.:
REVISION: -	A6
SCALE: AS NOTED	



1
A6 **MODULAR ELEVATION**
3/8"=1'-0"



2
A6 **MODULAR SECTION**
3/8"=1'-0"

CONSTR. NORTH



TRUE NORTH



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PROJECT NAME:
**SKILLS TRAINING CENTRE
STC- PLUMBING LAB RENOVATION**

SEAL:

SHEET NAME:
ELEVATION

DRAWN BY:
NC

CHECKED BY:
CLM

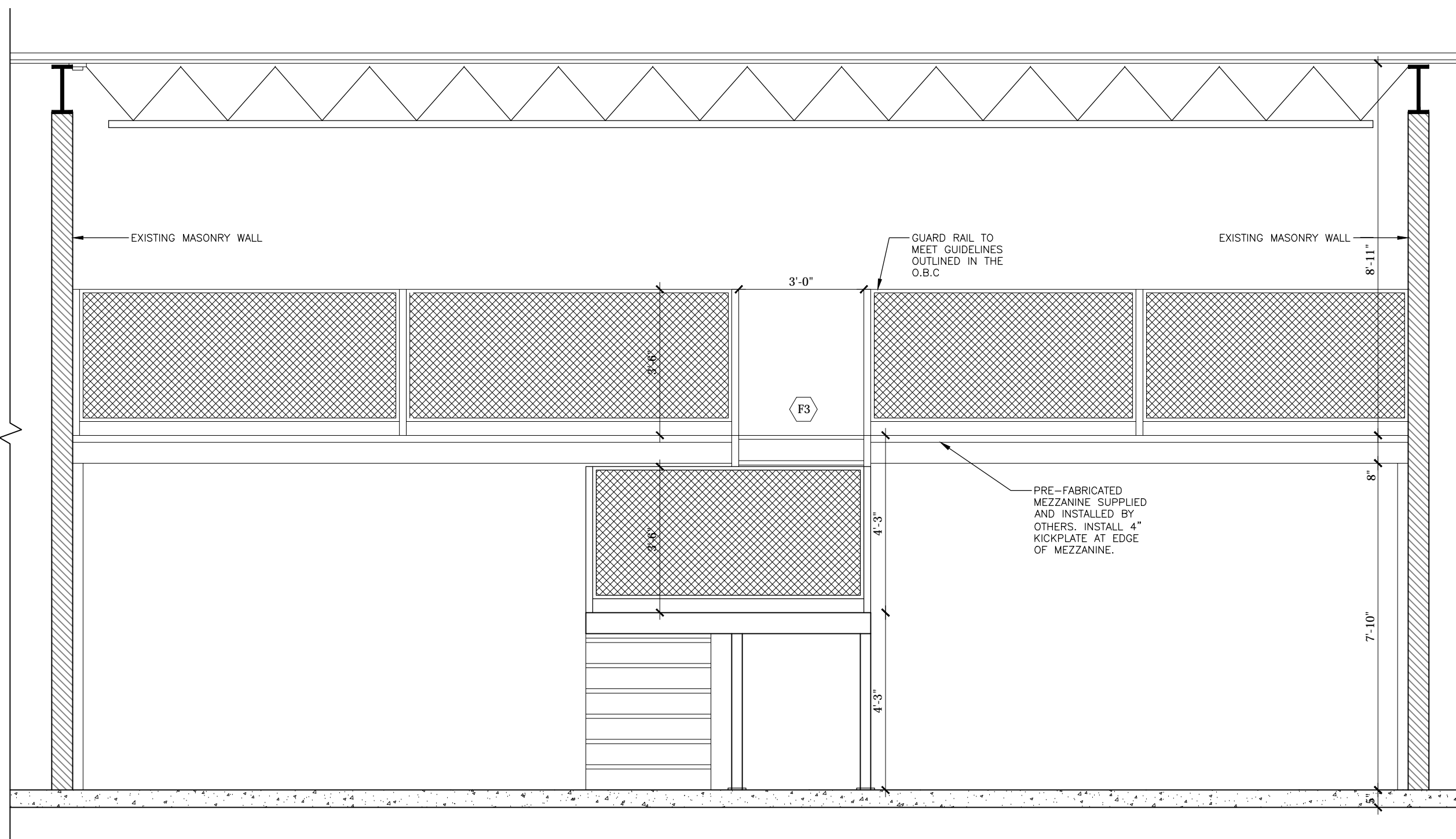
DATE: **OCT 2012**

SHEET NO.:

REVISION: -

SCALE: **AS NOTED**

A7



1
MEZZANINE ELEVATION
3/8"=1'-0"



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- TASK SPECIFIC NOTES:**
- MAKE GOOD OF EXISTING
 - SITE VERIFY DIMENSIONS AND QUANTITIES

NO.	REVISION	DATE APRVD.
1	ISSUED FOR TENDER	11/1/12

PROJECT NAME:
**SKILLS TRAINING CENTRE
 STC- PLUMBING LAB RENOVATION**

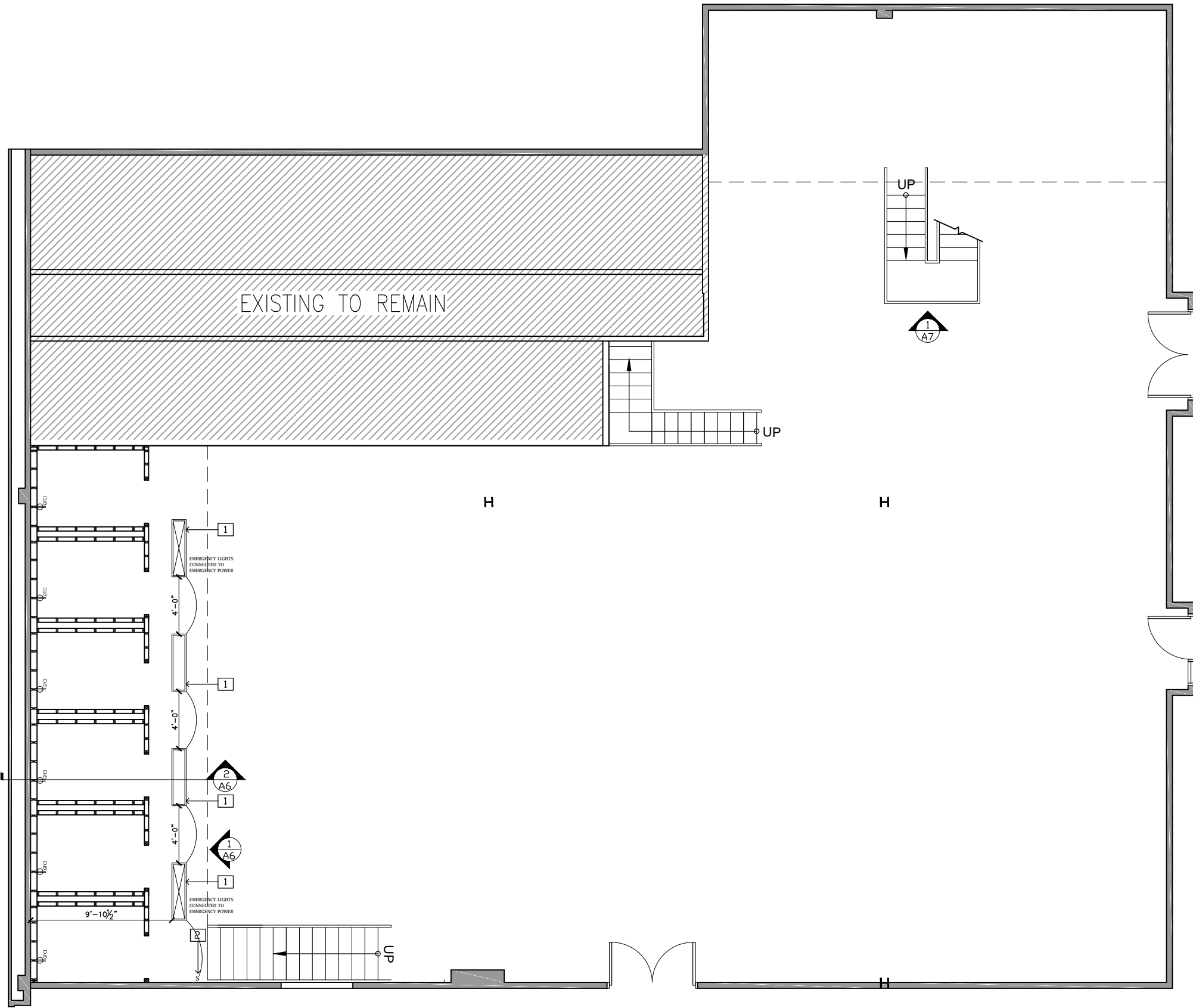
SEAL:

SHEET NAME:
FIRST FLOOR ELECTRICAL

DRAWN BY: NC	CHECKED BY: CLM
DATE: OCT 2012	SHEET NO.:
REVISION: -	E1
SCALE: AS NOTED	

- NOTES:**
- 1 TYPICAL, SUPPLY AND INSTALL TO UNDERSIDE OF NEW MEZZANINE FLUORESCENT T8H0-1 LAMP LIGHT FIXTURE, 28/32W 120 VOLT - 1' X 4' WEATHER-PROOF HOUSING (MATCHING EXISTING)
 - 2 INSTALL NEW SWITCH

TASK SPECIFIC NOTES:
 -SUPPLY AND INSTALL ALL GFCI AS NOTED ON E1 AND E2



1
E1 **FIRST FLOOR ELECTRICAL**
 1/8" = 1'-0"



GENERAL NOTES:

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TASK SPECIFIC NOTES:

- MAKE GOOD OF EXISTING
- SITE VERIFY DIMENSIONS AND QUANTITIES

NO.	REVISION	DATE APPRVD.
1	ISSUED FOR TENDER	11/1/12

PROJECT NAME:
**SKILLS TRAINING CENTRE
STC- PLUMBING LAB RENOVATION**

SEAL:

SHEET NAME:
SECOND FLOOR ELECTRICAL

DRAWN BY:
NC

CHECKED BY:
CLM

DATE: **OCT 2012**

REVISION: **-**

SCALE: **AS NOTED**

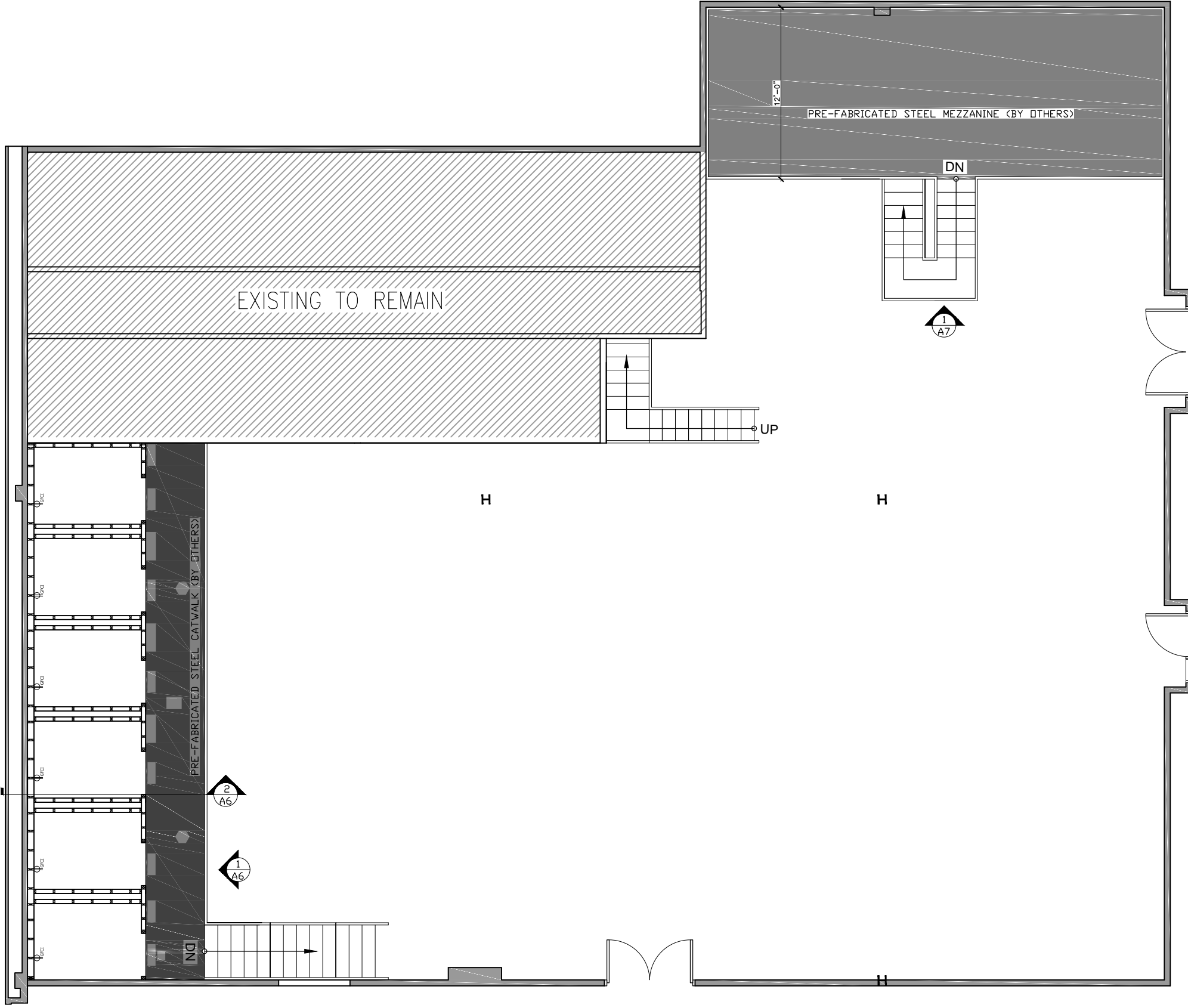
E2

NOTES:

- 1 TYPICAL FLUORESCENT T8H0-1 LAMP LIGHT FIXTURE, 28/32W 120 VOLT - 1' X 4' WEATHER-PROOF HOUSING (MATCHING EXISTING)
- 2 INSTALL NEW SWITCH

TASK SPECIFIC NOTES:

-SUPPLY AND INSTALL ALL GFCI AS NOTED ON E1 AND E2



1 SECOND FLOOR ELECTRICAL
E2
1/8"=1'-0"