TYPICAL ARRAY ELEVATION   SCALE: 1/4" = 1'-0"

TYPICAL ELEVATION OF ROWS #2, #3 AND #4

FIXED RACKING SYSTEM TO BE
IRON RIDGE WITH 20 YEAR
WARRANTY OR EQUAL

(SEE ELEVATION FOR EAST END OF ROW #1)

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

THIS IS A DIAGRAMTIC REPRESENTATION OF THE INSTALLATION
ALL CONDITIONS SHALL BE VERIFIED WITH ACTUAL FIELD CONDITIONS.
ARRAY ROWS TO BE AT UNIFORM ELEVATION THROUGHOUT INSTALLATION

GRADES VARY WITH SITE TOPOGRAPHY
ARRAY ROWS TO BE AT A UNIFORM
ELEVATION THROUGHOUT INSTALLTION

CHAIN LINK FENCE

ARRAY ELEVATION EAST END ROW #1   SCALE: 1/4" = 1'-0"

NOTES:
ALTERNATE-ADJUSTABLE-TILT MODULE
SERVED BY SEPARATE MICROINVERTER

ADJUSTABLE TILT RACK WILL HOLD UP TO
FOUR PV MODULES

ADJUSTABLE RACK SYSTEM TO BE DPW
POWER FAB MODEL (TPM) FOR TOP-OF-POLE
MOUNTING OR APPROVED EQUAL

PIER PLATE DETAIL   SCALE: 3/4" = 1'-0"

C OF HELICAL PIER

PIER CAP BY
PIER MANUFACTURER

ANCHOR BOLT BY
RACKING MANUFACTURER

2" CLEAN RIVER STONE - 6" DEEP
SURFACE OF STONE AT GRADE (FLUSH)

PROVIDE LANDSCAPE "WEED" BARRIER

GALVANIZED SECTION MINIMUM

NOTE:
CONTRACTOR TO COORDINATE ANCHOR BOLTS
REQUIRED BY RACKING MANUFACTURER AND
PIER CAP DESIGN BY PIER MANUFACTURER.
CONNECTION DETAILS TO BE APPROVED BY
ENGINEER OF RECORD.

UNDER MOST ATMOSPHERIC CONDITIONS OF MODERATE
TO MILD HUMIDITY, CONTACT BETWEEN A GALVANIZED
SURFACE AND ALUMINUM IS UNLIKELY TO CAUSE
SUBSTANTIAL INCREMENTAL CORROSION. HOWEVER UNDER
VERY HUMID CONDITIONS, THE GALVANIZED SURFACE MAY
REQUIRE ELECTRICAL ISOLATION FROM THE ALUMINUM.
RECOMMENDED ACTION AND INSTALLATION PER THE RACKING
MANUFACTURER AND PIER MANUFACTURER TO BE COORDINATED
BY THE CONTRACTOR FOR APPROVAL.

ALL EXPOSED HELICAL PIER SHAFTS
AND TOP PLATES ARE TO BE GALVANIZED

MCHENRY COUNTY COLLEGE
SHAH CENTER SOLAR PV PROJECT
4100 SHAMROCK LANE, MCHENRY, IL 60050

| REVISION | PERMIT & BIDDING |
| DATE | 05/14/14 |

JOB #
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ELEVATION,
SECTION
& DETAL