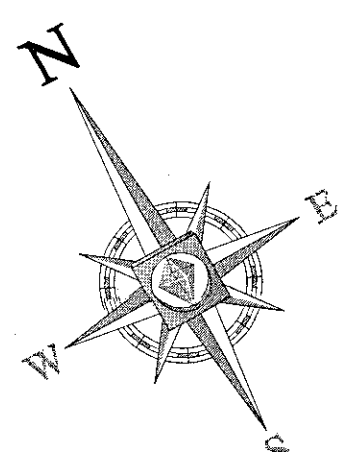
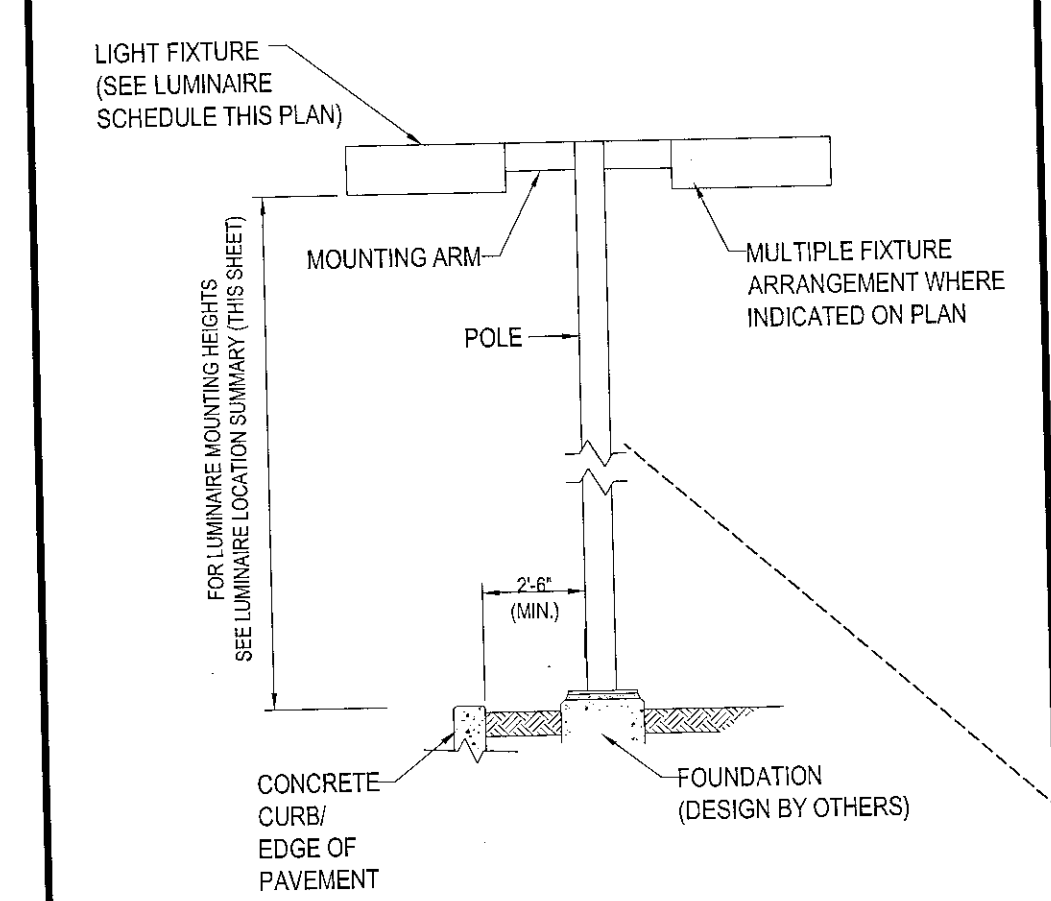




LUMINAIRE SCHEDULE					
SYMBOL	QTY	ARRANGEMENT	HEIGHT	LUMENS	LLF
⊠	2	DOUBLE @ 10'	24'	44000	1
⊠	14	SINGLE	24'	44000	1
⊠	2	SINGLE	24'	44000	1
DESCRIPTION					
400-WATT CLEAR PULSE START METAL HALIDE					
LSI INDUSTRIES INC. CT24-PP-400-PM-RC-CT					
400-WATT CLEAR PULSE START METAL HALIDE					
LSI INDUSTRIES INC. CT24-PP-400-PM-RC-CT					
400-WATT CLEAR PULSE START METAL HALIDE					
LSI INDUSTRIES INC. CT24-PP-400-PM-RC-CT					

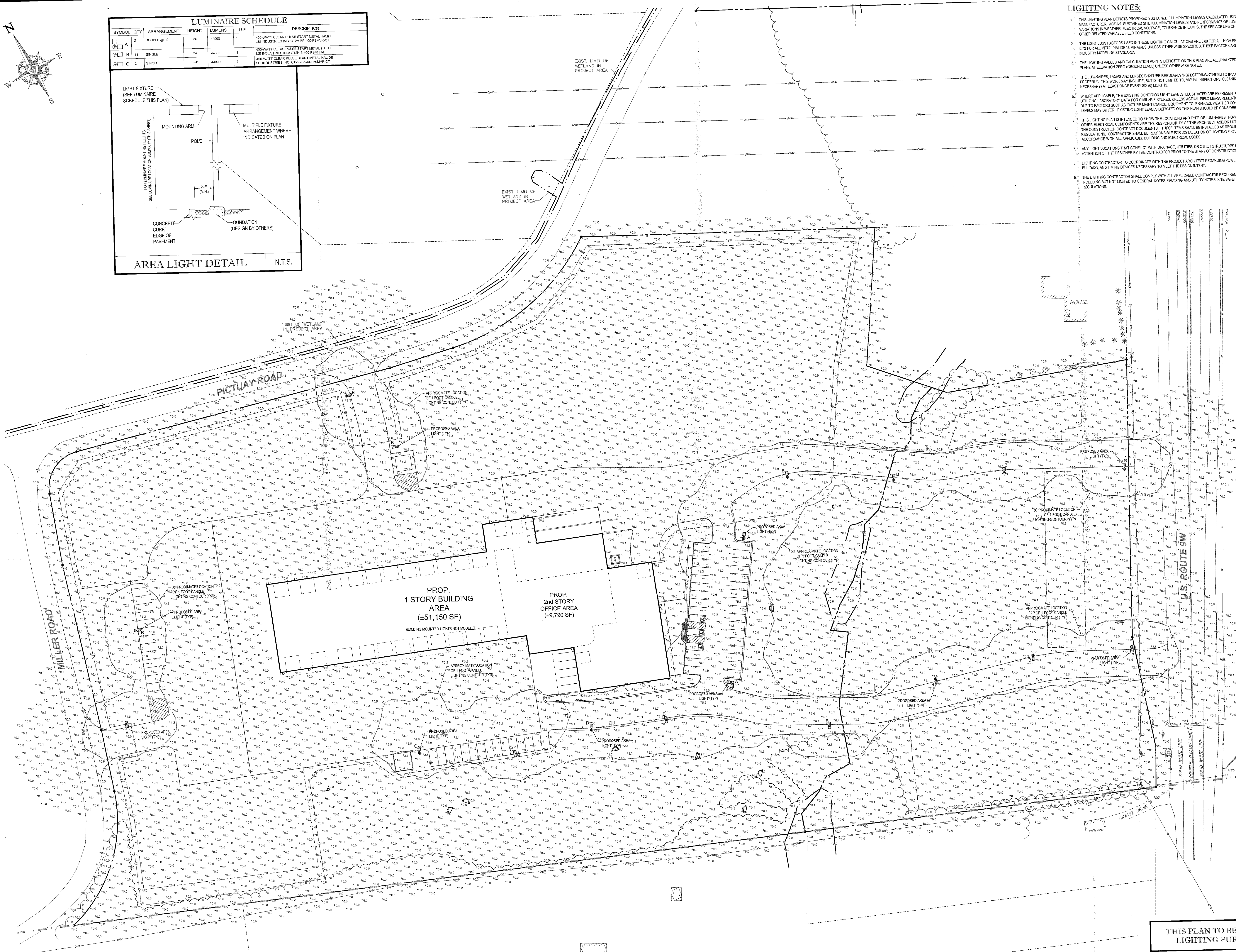


AREA LIGHT DETAIL

N.T.S.

LIGHTING NOTES:

1. THE LIGHTING PLAN DEPICTS PROPOSED SUSTAINED ILLUMINATION LEVELS CALCULATED USING DATA PROVIDED BY THE NOTES MANUFACTURER. ACTUAL SUSTAINED ILLUMINATION LEVELS AND PERFORMANCE OF LUMINAIRES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, THE SERVICE LIFE OF EQUIPMENT AND LUMINAIRES AND OTHER RELATED VARIABLE FIELD CONDITIONS.
2. THE LIGHT LOSS FACTORS USED IN THESE LIGHTING CALCULATIONS ARE 0.80 FOR ALL HIGH PRESSURE SODIUM LUMINAIRES AND 0.75 FOR ALL METAL HALIDE LUMINAIRES UNLESS OTHERWISE SPECIFIED. THESE FACTORS ARE INDICATIVE OF TYPICAL LIGHTING INDUSTRY MODELING STANDARDS.
3. THE LIGHTING VALUES AND CALCULATION POINTS DEPICTED ON THIS PLAN ARE ALL ANALYZED ON A HORIZONTAL GEOMETRIC PLANE AT ELEVATION ZERO (GROUND LEVEL) UNLESS OTHERWISE NOTED.
4. THE LUMINAIRES, LAMPS AND LENSES SHALL BE REGULARLY INSPECTED/MAINTAINED TO INSURE THAT THEY FUNCTION PROPERLY. THIS WORK MAY INCLUDE, BUT IS NOT LIMITED TO, VISUAL INSPECTIONS, CLEANING OF LENSES, AND REPLACING (IF NECESSARY) AT LEAST ONCE EVERY SIX (6) MONTHS.
5. WHERE APPLICABLE, THE EXISTING CONDITION LIGHT LEVELS ILLUSTRATED ARE REPRESENTATIVE OF AN APPROXIMATION. UTILIZE LABORATORY DATA FOR SIMILAR FIXTURES. VALUES ACTUAL FIELD MEASUREMENTS ARE TWICE WITH A LIGHT METER. DUE TO FACTORS SUCH AS FIXTURE MAINTENANCE, EQUIPMENT TOLERANCES, WEATHER CONDITIONS, ETC., ACTUAL LIGHT LEVELS MAY DIFFER. EXISTING LIGHT LEVELS DEPICTED ON THIS PLAN SHOULD BE CONSIDERED APPROXIMATE.
6. THIS LIGHTING PLAN IS INTENDED TO SHOW THE LOCATIONS AND TYPE OF LUMINAIRES, POWER SYSTEM, COORDINATES, WIRING AND OTHER ELECTRICAL COMPONENTS ARE THE RESPONSIBILITY OF THE ARCHITECT AND/OR LIGHTING CONTRACTOR AS INDICATED IN THE CONSTRUCTION CONTRACT DOCUMENTS. THESE ITEMS SHALL BE INSTALLED AS REQUIRED BY STATE AND LOCAL REGULATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF LIGHTING FIXTURES AND APPURTENANCES IN ACCORDANCE WITH ALL APPLICABLE BUILDING AND ELECTRICAL CODES.
7. ANY LIGHT LOCATIONS THAT CONFLICT WITH DRAINAGE, UTILITIES, OR OTHER STRUCTURES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
8. LIGHTING CONTRACTOR TO COORDINATE WITH THE PROJECT ARCHITECT REGARDING POWER SOURCE FROM WITHIN THE BUILDING, AND TIMING DEVICES NECESSARY TO MEET THE DESIGN INTENT.
9. THE LIGHTING CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CONTRACTOR REQUIREMENTS INDICATED IN THE SITE PLAN, INCLUDING BUT NOT LIMITED TO GENERAL NOTES, GRADING AND UTILITY NOTES, SITE SAFETY, AND GOVERNMENTAL REGULATIONS.



THIS PLAN TO BE UTILIZED FOR LIGHTING PURPOSES ONLY

INCHES
Town of Bethlehem, NY

40 20 10 0
1" = 40'

THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS ANY PERSON ALTERING ANYTHING ON THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS UNLESS IT IS UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. WHERE SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER MUST SIGN, SEAL, DATE AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWINGS AND/OR THE SPECIFICATIONS. (NYS EDUCATION LAW SECTION 7202-2)

BOHLER ENGINEERING
CORPORATE OFFICE
WARREN, NJ
SUBOFFICES
CHAMPAIGN, IL
CHICAGO, IL
CINCINNATI, OH
COLUMBIA, SC
DENVER, CO
FORT WORTH, TX
HOUSTON, TX
INDIANAPOLIS, IN
JACKSONVILLE, FL
KANSAS CITY, MO
LOS ANGELES, CA
MEMPHIS, TN
MINNEAPOLIS, MN
MIAMI, FL
NEW YORK, NY
PHILADELPHIA, PA
PORTLAND, ME
SAN ANTONIO, TX
SAN JOSE, CA
SEATTLE, WA
SPRINGFIELD, IL
TAMPA, FL
TULSA, OK
WASHINGTON, DC
WICHITA, KS
WILSON, NC
YUKON, AK

REVISIONS			
REV	DATE	COMMENT	BY
1	9/18/12	PER TOWN COMMENTS	SH
2	10/13	PER TOWN COMMENTS	SH
3	1/17/13	PER TOWN COMMENTS	SH
4	1/22/13	ADDED NYSDOT PAVEMENT DETAIL	SH
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THE FOLLOWING STATES REQUIRE NOTIFICATION BY ENGINEERS, ARCHITECTS, OR ANY PERSON PREPARING TO OBTAIN THE EARTH'S SURFACE BY ANY MEANS FOR THE STATE.
(N.Y. E.C. 110.1, 110.2, 110.3, 110.4, 110.5, 110.6, 110.7, 110.8, 110.9, 110.10, 110.11, 110.12, 110.13, 110.14, 110.15, 110.16, 110.17, 110.18, 110.19, 110.20, 110.21, 110.22, 110.23, 110.24, 110.25, 110.26, 110.27, 110.28, 110.29, 110.30, 110.31, 110.32, 110.33, 110.34, 110.35, 110.36, 110.37, 110.38, 110.39, 110.40, 110.41, 110.42, 110.43, 110.44, 110.45, 110.46, 110.47, 110.48, 110.49, 110.50, 110.51, 110.52, 110.53, 110.54, 110.55, 110.56, 110.57, 110.58, 110.59, 110.60, 110.61, 110.62, 110.63, 110.64, 110.65, 110.66, 110.67, 110.68, 110.69, 110.70, 110.71, 110.72, 110.73, 110.74, 110.75, 110.76, 110.77, 110.78, 110.79, 110.80, 110.81, 110.82, 110.83, 110.84, 110.85, 110.86, 110.87, 110.88, 110.89, 110.90, 110.91, 110.92, 110.93, 110.94, 110.95, 110.96, 110.97, 110.98, 110.99, 110.100, 110.101, 110.102, 110.103, 110.104, 110.105, 110.106, 110.107, 110.108, 110.109, 110.110, 110.111, 110.112, 110.113, 110.114, 110.115, 110.116, 110.117, 110.118, 110.119, 110.120, 110.121, 110.122, 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110.900, 110.901, 110.902, 110.903, 110.904, 110.905, 110.906, 110.907, 110.908, 110.909, 110.910, 110.911, 110.912, 110.913, 110.914, 110.915, 110.916, 110.917, 110.918, 110.919, 110.920, 110.921, 110.922, 110.923, 110.924, 110.925, 110.926, 110.927, 110.928, 110.929, 110.930, 110.931, 110.932, 110.933, 110.934, 110.935, 110.936, 110.937, 110.938, 110.939, 110.940, 110.941, 110.942, 110.943, 110.944, 110.945, 110.946, 110.947, 110.948, 110.949, 110.950, 110.951, 110.952, 110.953, 110.954, 110.955, 110.956, 110.957, 110.958, 110.959, 110.960, 110.961, 110.962, 110.963, 110.964, 110.965, 110.966, 110.967, 110.968, 110.969, 110.970, 110.971, 110.972, 110.973, 110.974, 110.975, 110.976, 110.977, 110.978, 110.979, 110.980, 110.981, 110.982, 110.983, 110.984, 110.985, 110.986, 110.987, 110.988, 110.989, 110.990, 110.991, 110.992, 110.993, 110.994, 110.995, 110.996, 110.997, 110.998, 110.999, 111.000, 111.001, 111.002, 111.003, 111.004, 111.005, 111.006, 111.007, 1