

WORK TO BE DONE

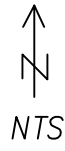
THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO

STANDARD SPECIFICATIONS:

| <u>DOCUMENT NO.</u> | <u>DESCRIPTION</u>  |
|---------------------|---|
| ECPI010122-01       | STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK), 2021 EDITION                   |
| ECPI010122-02       | CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (WHITEBOOK), 2021 EDITION |
| PWPI010119-04       | CITYWIDE COMPUTER AIDED DESIGN AND DRAFTING (CADD) STANDARDS, 2018 EDITION                        |
| ECPD032324-07       | CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES REVISION 8(CA MUTCD REV8), 2014 EDITION      |
| ECPD092023-05       | CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S CUSTOMARY STANDARD SPECIFICATIONS, 2023 EDITION       |

STANDARD DRAWINGS:

| <u>DOCUMENT NO.</u> | <u>DESCRIPTION</u>   |
|---------------------|--|
| ECPI010122-03       | CITY OF SAN DIEGO STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, 2021 EDITION    |
| ECPD092023-06       | CALIFORNIA DEPARTMENT OF TRANSPORTATION U.S CUSTOMARY STANDARD PLANS, 2023 EDITION |



VICINITY MAP

PREPARED FOR:  
 NAME OF COMPANY:  
 ADDRESS:  
 NAME AND TITLE:  
 PHONE:  
 EMAIL:

PREPARED BY:  
 NAME OF COMPANY:  
 ADDRESS:  
 NAME AND TITLE:  
 PHONE:  
 EMAIL:

SITE ADDRESS:  
 ASSOCIATED BUILDING PRJ NO.:  
 ASSOCIATED DISCRETIONARY PRJ NO.:  
 JOIN ID NO.:

DISCIPLINE CODE (DC)

- GENERAL G
- CIVIL C
- LANDSCAPE L
- TRAFFIC T

SHEET INDEX

| <u>SHEET</u> | <u>DC</u> | <u>DESCRIPTION</u>                  |
|--------------|-----------|-------------------------------------|
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| 3            | G04       | MONUMENT PRESERVATION CERTIFICATION |
| 4            | G05       | IMPROVEMENT PLAN                    |
| 5            | SL01      | STRING LIGHT SPECIFICATION          |
| 6            | SL02      | STRING LIGHT DETAIL                 |
| 7            | TC01      | TRAFFIC CONTROL PLAN                |

LEGEND

| <u>DESCRIPTION</u> | <u>STANDARD DRAWING</u> | <u>SYMBOL</u> |
|--------------------|-------------------------|---------------|
|--------------------|-------------------------|---------------|

STREET DATA TABLE

| STREET NAME | CLASSIFICATION | SPEED (MPH) | ADT (VEHICLES) |
|-------------|----------------|-------------|----------------|
|             |                |             |                |
|             |                |             |                |
|             |                |             |                |

CONSTRUCTION CHANGE TABLE

| CHANGE | AFFECTED SHEETS/NEW SHEETS | DATE | CC# |
|--------|----------------------------|------|-----|
|        |                            |      |     |
|        |                            |      |     |
|        |                            |      |     |

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DEVELOPMENT SERVICES DEP.  
 1222 1ST AVE  
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 619-446-5000

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 SHEET 1 OF

G01

## GENERAL NOTES

1. PRIOR TO SITE DISTURBANCE, CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRE-CONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO, DEVELOPMENT SERVICES DEPARTMENT. RIGHT OF WAY FIELD INSPECTION TEAM. PHONE: (619)-446-5242; EMAIL: FIT\_DSD@SANDIEGO.GOV. PLEASE NOTE THAT YOUR PRE-CONSTRUCTION MEETING IS NOT SCHEDULED UNTIL CONFIRMED BY YOUR ASSIGNED RESIDENT ENGINEER.
2. APPROVAL OF THESE PLANS BY THE CITY ENGINEER DOES NOT AUTHORIZE ANY WORK TO BE PERFORMED UNTIL A R.O.W. PERMIT HAS BEEN ISSUED.
3. THIS CONSTRUCTION PLAN IS NOT VALID UNLESS A PERMIT IS ATTACHED.
4. UPON ISSUANCE OF A R.O.W. PERMIT, NO WORK WILL BE PERMITTED ON WEEKENDS OR HOLIDAYS UNLESS APPROVED BY A TRAFFIC CONTROL PERMIT FROM THE DEVELOPMENT SERVICES DEPARTMENT.
5. THE APPROVAL OF THIS PLAN OR ISSUANCE OF A PERMIT BY THE CITY OF SAN DIEGO DOES NOT AUTHORIZE THE PERMIT HOLDER OR OWNER TO VIOLATE ANY FEDERAL, STATE OR CITY LAWS, ORDINANCES, REGULATIONS, OR POLICIES.
6. IMPORTANT NOTICE: SECTION 4216 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT, TOLL FREE (800) 422-4133, TWO DAYS BEFORE YOU DIG.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR POTHOLING AND LOCATING ALL EXISTING UTILITIES THAT CROSS THE PROPOSED TRENCH LINE WHILE MAINTAINING THE FOLLOWING CLEARANCES, UNLESS OTHERWISE SPECIFIED ON PLANS.  
WATER MAIN: MAINTAIN A 5 FEET MINIMUM HORIZONTAL SEPARATION  
SEWER MAIN: MAINTAIN A 10 FEET HORIZONTAL SEPARATION  
STORM DRAINS: MAINTAIN A 5 FEET MINIMUM HORIZONTAL SEPARATION  
MAINTAIN A 1 FOOT VERTICAL SEPARATION WHEN CROSSING MAINS AND STORM DRAINS  
ANY DEVIATION FROM CLEARANCE NOTES ABOVE MUST HAVE PRIOR APPROVAL FROM THE CITY ENGINEER.  
ANY CITY UTILITIES CROSSING PROPOSED LINES SHALL NOT BE ENCASED IN SLURRY, IF ENCOUNTERED CITY UTILITY SHALL BE SLEEVED WITH A SPLIT DUCT.
8. "PUBLIC IMPROVEMENTS SUBJECT TO DESUETUDE OR DAMAGE." IF REPAIR OR REPLACEMENT OF SUCH PUBLIC IMPROVEMENTS IS REQUIRED, CONTRACTOR SHALL OBTAIN THE REQUIRED PERMITS FOR WORK IN THE PUBLIC RIGHT-OF-WAY, SATISFACTORY TO THE PERMIT ISSUING AUTHORITY.
9. DEVIATIONS FROM THESE SIGNED PLANS WILL NOT BE ALLOWED UNLESS A CONSTRUCTION CHANGE IS APPROVED BY THE CITY ENGINEER OR THE CHANGE IS AUTHORIZED BY THE RESIDENT ENGINEER AS A FIELD CHANGE.
10. CONTRACTOR SHALL REPAIR OR REPLACE ALL TRAFFIC SIGNAL LOOPS, CONDUITS, AND LANE STRIPING DAMAGED DURING CONSTRUCTION, WITHIN 5 DAYS OF FINISHING WORK.
11. PRIOR TO SITE DISTURBANCE, CONTRACTOR SHALL MAKE ARRANGEMENTS FOR A PRE-CONSTRUCTION MEETING WITH THE CITY OF SAN DIEGO, CONSTRUCTION MANAGEMENT AND FIELD ENGINEERING DIVISION (858) 627-3200.
12. CONTRACTOR SHALL PERFORM ONLY SITE SURVEY AND UTILITY MARK OUT SERVICES PRIOR TO THE PRE-CONSTRUCTION MEETING.
13. CONTRACTOR SHALL IMPLEMENT AN EROSION CONTROL PROGRAM DURING THE PROJECT CONSTRUCTION ACTIVITIES. THE PROGRAM SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE STATE WATER RESOURCE CONTROL BOARD.
14. CONTRACTOR SHALL HAVE EMERGENCY MATERIAL AND EQUIPMENT ON HAND FOR UNFORESEEN SITUATIONS, SUCH AS DAMAGE TO UNDERGROUND WATER, SEWER, AND STORM DRAIN FACILITIES WHERE FLOW MAY GENERATE EROSION AND SEDIMENT POLLUTION.
15. MANHOLES, VAULTS AND PULL BOX COVERS SHALL BE LABELED WITH THE "NAME OF COMPANY" AND HAVE A SLIP RESISTANT LID WITH A MINIMUM STATIC COEFFICIENT OF FRICTION OF 0.5.
16. METHOD OF EXCAVATION: 3" DIAMETER BORING TO ACCOMMODATE 2" DIAMETER CONDUIT PIPE. NO TRENCHING SHALL BE CONDUCTED WITHIN TREE ROOT ZONES.
17. TREE PROTECTION: A PRE-CONSTRUCTION MEETING SHALL BE REQUIRED PRIOR TO ANY GROUND DISTURBANCE OR COMMENCEMENT OF WORK TO ESTABLISH TREE PROTECTION MEASURES AND STRATEGIES FOR ROOT PRUNING WITHIN THE BORING AREA. NO ROOTS 6" OR GREATER IN DIAMETER SHALL BE CUT WITHOUT CONSULTING WITH THE CITY ARBORIST-HORTICULTURIST CONTACT: SERGIO ARIAS AT (619) 527-8036 SARIAS@SANDIEGO.GOV
18. PERMIT HOLDER/OWNER SHALL COMPLY WITH PART 2 OF THE CURRENT CITY OF SAN DIEGO STORM WATER STANDARD MANUAL AND SECTION 1000 AND 1001 OF THE CITY SUPPLEMENT TO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE WHITE BOOK).
19. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN (11"x17") FOR APPROVAL PRIOR TO STARTING WORK. TRAFFIC CONTROL PERMIT APPLICATION SHALL BE SUBMITTED ELECTRONICALLY AT THE DEVELOPMENT SERVICES DEPARTMENT (DSD) TRAFFIC CONTROL PERMIT WEBSITE <https://www.sandiego.gov/development-services/permits/traffic-control-permit>. CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PERMIT A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO STARTING WORK, AND A MINIMUM OF FIVE (5) DAYS IF WORK WILL AFFECT A BUS STOP OR AN EXISTING TRAFFIC SIGNAL, OR IF WORK WILL REQUIRE A ROAD OR ALLEY CLOSURE, OR IF THE WORK WILL REQUIRE A NOISE PERMIT.
20. THE PERMITTEE SHALL RETAIN THE SERVICE OF A PROFESSIONAL LAND SURVEYOR OR CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING WHO WILL BE RESPONSIBLE FOR MONUMENT PRESERVATION AND SHALL PROVIDE A CORNER RECORD OR RECORD OF SURVEY TO THE COUNTY SURVEYOR AS REQUIRED BY THE PROFESSIONAL LAND SURVEYORS ACT, IF APPLICABLE. (SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE OF THE STATE OF CALIFORNIA).

MONUMENT PRESERVATION CERTIFICATION

THE PERMITTEE SHALL BE RESPONSIBLE FOR THE COST OF REPLACING ALL SURVEY MONUMENTS DESTROYED BY CONSTRUCTION. IF A VERTICAL CONTROL MONUMENT IS TO BE DISTURBED OR DESTROYED, THE CITY OF SAN DIEGO FIELD SURVEY SECTION SHALL BE NOTIFIED IN WRITING AT LEAST 7 DAYS PRIOR TO DEMOLITION/CONSTRUCTION.

THE TYPE OF CONSTRUCTION WILL NOT AFFECT ANY SURVEY MONUMENTS (THIS LINE IS FOR PROJECTS THAT ARE PROPOSING NO DEMOLITION, TRENCHING AND SOIL SUBSURFACE DISTURBANCE)

NAME \_\_\_\_\_

DATE \_\_\_\_\_



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STRING LIGHT SPECIFICATIONS:

1. STRING LIGHT SHALL BE REQUIRED TO PROVIDE A LOAD STUDY (INCLUDING VOLTAGE DROP CALCULATION, EFFECT ON EXISTING CIRCUITS).
2. SUBMIT AN ESO (ELECTRIC SERVICE ORDER) WITH SDG&E AND PROVIDE THE REQUIRED INFORMATION FOR SEPARATE MONTHLY METERS-LESS FEES.
3. STRING LIGHTS SHALL BE AN ENERGY EFFICIENT LED.
4. PRIOR TO ALL WORK, THE CONTRACTOR SHALL PROVIDE SPECIFICATIONS FOR THE STRING LIGHT MODEL USED. SPECIFICATIONS AND LOAD CALCULATIONS SHALL BE REVIEWED AND APPROVED PRIOR TO CONSTRUCTION.
5. STRING LIGHT FUSE SIZES SHALL BE SIZED FOR THE LOAD TO AVOID AUXILIARY USE AND TRIPPING THE MAIN FEEDER CIRCUIT, NOT EXCEEDING 5 AMPS. THE FUSE HOLDER SHALL BE AN INLINE FUSE TYPE. THE FUSE HOLDER SHALL BE INSTALLED INSIDE THE POLE, ACCESSIBLE FROM THE POLE'S HAND HOLE.
6. RECEPTACLE HOUSING WILL BE REQUIRED TO BE A WHILE-IN-USE TYPE.
7. A RECEPTACLE SHALL BE REQUIRED TO BE GFCI.
8. A REVIEW OF THE GROUND CONDUCTOR SHALL BE VERIFIED TO CEC AND NEC REQUIREMENTS. A MISSING OR DEFICIENT CONDUCTOR IS TO BE REPORTED TO THE CITY FOR COORDINATE A REPLACEMENT, TO ESTABLISH A RELIABLE GROUND FOR THE CIRCUIT.
9. RECEPTACLE HOUSING WILL BE REQUIRED TO BE WATERPROOF AND WATER RESISTANT WITH GASKETS TO AVOID WATER INTRUSION.
10. TENSION STRING, OR SUPPORT STRING FOR STRING LIGHTS, WILL NOT BE ALLOWED TO REACH A HORIZONTAL, FLAT, OR FULLY TENSIONED LEVEL. A VISIBLE SAG SHALL BE REQUIRED TO EXIST ON THE TENSION WIRE.
11. MINIMUM 12AWG WIRE SHALL BE USED, 20A RECEPTACLE SHALL BE USED.
12. LUMINAIRE BASES SHALL BE INSPECTED TO HAVE A COVER AND SUFFICIENT SUPPORT AND BE INSPECTED FOR EXCESSIVE CORROSION. IN THE EVENT OF A KNOCKOVER, THE CONTRACTOR SHALL BE RESPONSIBLE.
13. RECEPTACLES SHALL BE MOUNTED IN THE TOPMOST PORTION OF THE POLE.
14. RECEPTACLE HOUSING SHALL BE PAINTED TO MATCH THE PAINT COLOR AND BASE OR PRIMER-MARINE ENVIRONMENT.
15. A RECEPTACLE WHILE-IN-USE PORT SHALL BE POINTED DOWNWARDS IN ALL INSTANCES TO AVOID WATER INTRUSION.
16. WHERE A DAMAGED RECEPTACLE'S COVER IS DISCOVERED, THE COVER WILL BE REQUIRED TO BE REPLACED PRIOR TO USE. OTHERWISE, IT CAN BE DISCONNECTED AT THE BASE THROUGH FUSED DISCONNECT MEANS.
  - THE USE OF PURPLE WIRE FOR STRING LIGHTING CIRCUITS TO ASSIST IN MAINTENANCE AND TROUBLESHOOTING.

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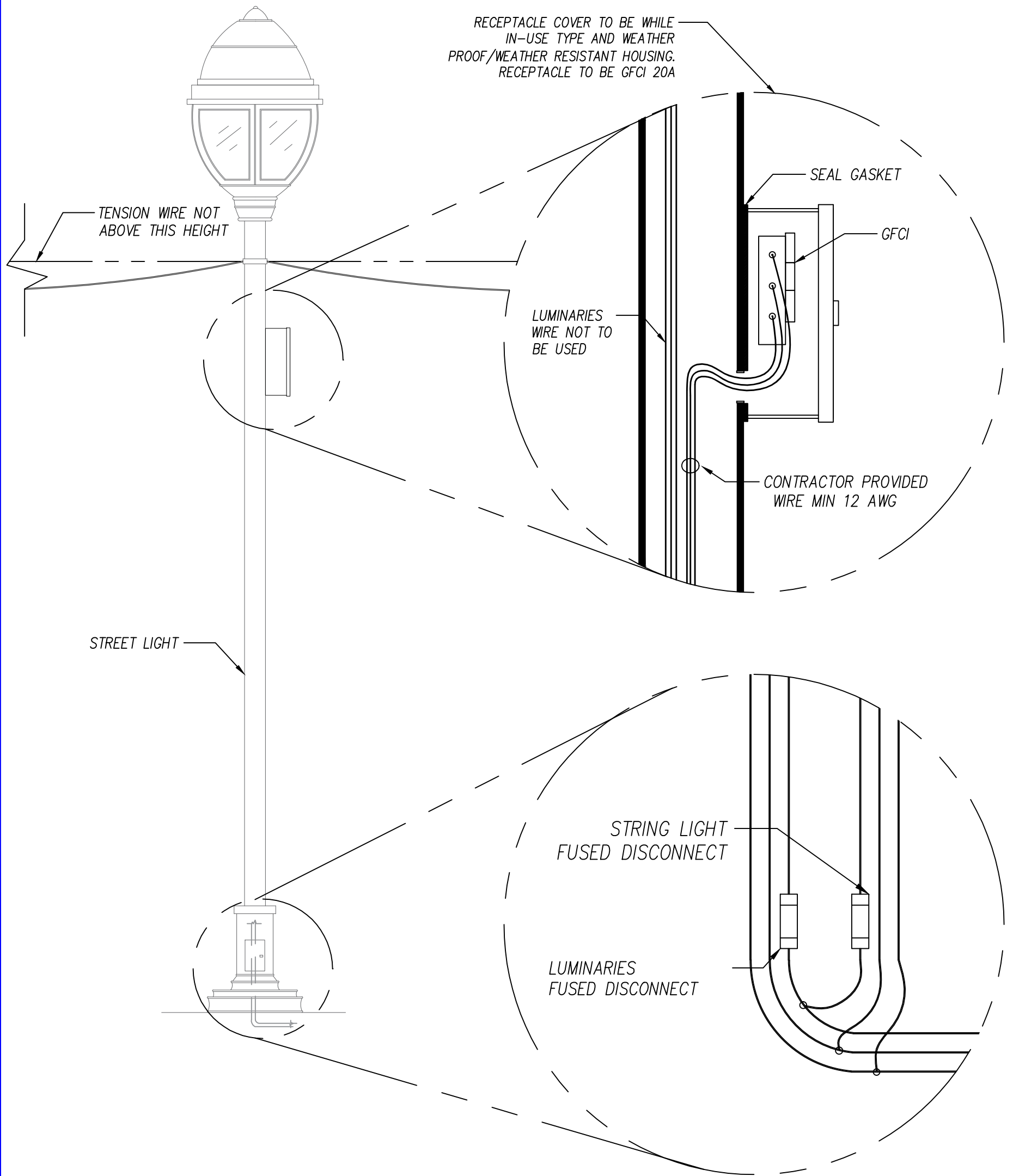


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FIGURE1: TYPICAL STREET LIGHT WITH STRING LIGHT ATTACHMENT



**NOTES:**

- VISUAL INSPECTION OF POLES SHALL BE PERFORMED. EXCESSIVE CORROSION SHALL BE REPORTED, OR THE CONTRACTOR TO BE HELD RESPONSIBLE.
- STRING LIGHTS FUSE DISCONNECT SHALL BE SIZED TO LOAD. LOAD TABLE AND SPECIFICATION SHEETS SHALL BE PROVIDED ON SUBMISSION.
- TENSION STRING SHALL NOT BE TENSIONED TO A HORIZONTAL WIGHT. A VISIBLE SAG OF WIRE SHALL BE PRESENT AT ALL TIMES.

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