Developer-Constructed Projects

Base Sheet Rev. Date: SEP 30, 2025

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES 0 1 2 3

TOWN OF WINDSOR

Place PROJECT NAME here

TOWN OF WINDSOR
SONOMA COUNTY, CALIFORNIA
WDID:

INDEX OF SHEETS

Sheet No.	Description
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

LOCATION MAP

APPLICABLE TOWN STANDARD DRAWINGS

Standard No.	Description
STD. NO. XXX	TITLE
STD. NO. XXX	TITLE
STD. NO. XXX	TITLE

BASIS OF BEARINGS

BENCHMARK

THIS BLOCK TO BE ON TITLE SHEET AT SUBMITTAL. FOR FUTURE USE

RECORD DRAWING

I _____ HEREBY STATE THAT THESE RECORD DRAWING CHANGES ARE COMPILED FROM INFORMATION FURNISHED BY THE PROJECT CONTRACTOR, SOILS ENGINEER AND MY OFFICE. I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE THE WORK WAS DONE IN ACCORDANCE WITH THE FINAL APPROVED PLANS. THE ENGINEER AND THE TOWN WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT. FIELD VERIFICATION OF CRITICAL FACTS AND DATA SHALL BE MADE IF THESE DOCUMENTS ARE TO BE USED AS A BASIS FOR FUTURE WORK.

_____ _____
(ENGINEER'S SIGNATURE) (DATE)

AS-BUILTS CONFIRMED BY TOWN OF WINDSOR PUBLIC WORKS

_____ _____
(SIGNATURE) (DATE)

_____
TITLE (PRINT)

TYPICAL WATER SERVICE INFORMATION

SERVICE SIZE	SERVICE MATERIAL	METER SIZE

APPROVED: SONOMA COUNTY FIRE DISTRICT

BY: _____ _____
CYNDI FOREMAN DATE
DIVISION CHIEF/FIRE MARSHALL

REGISTERED PROFESSIONAL ENGINEER — NAME OF ENGINEER — No. xxxx — CIVIL — STATE OF CALIFORNIA

PLANS PREPARED BY:
Company Logo
Address
Tel: 000-000-0000 Fax: 000-000-0000

BY: _____
ENGINEER'S SIGNATURE DATE

DESIGNED: DRAWN: CHECKED:

REVISIONS				TOWN OF WINDSOR APPROVED	
NO.	DESCRIPTION	REVIEWED BY	DATE	BY	DATE

TOWN OF WINDSOR
PUBLIC WORKS DEPARTMENT

APPROVED BY: DATE:

SHANNON COTULLA
PUBLIC WORKS DIRECTOR/TOWN ENGINEER

Town approval is valid for 2 years from date of Town Engineer approval. If encroachment permit for the improvements are not secured within 2 years, plans are subject to subsequent review and approval.

(PROJECT NAME)

(SHEET DESCRIPTION)

SCALE: AS SHOWN SHEET 1 OF #

DATE: MM/DD/YYYY TOWN FILE NO.

Images: Icon: logo5484ex30.png;Icon: logo5d5441501.png;Icon: logo5cd15000.png;Icon: logo4415882.png Xrefs:
Paths: C:\Users\rosenlogo\Dowhoosh\Improvement Plans Title Block_10-14-2025.dwg Layout Name: 1. Title Plot Date: Oct 14, 2025 at 15:17

Developer-Constructed Projects

Base Sheet Rev. Date: SEP 30, 2025

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES

1 2 3

ABBREVIATIONS

LEGEND

PLANNING DEPARTMENT NOTES

1. IN THE EVENT THAT ARCHAEOLOGICAL FEATURES SUCH AS POTTERY, ARROWHEADS, MIDDEN OR CULTURALLY MODIFIED SOIL DEPOSITS ARE DISCOVERED AT ANY TIME DURING GRADING, SCRAPING, OR EXCAVATION WITHIN THE PROPERTY, ALL WORK SHALL BE HALTED IN THE VICINITY OF THE FIND AND TOWN PLANNING STAFF SHALL BE NOTIFIED. A QUALIFIED ARCHAEOLOGIST SHALL BE CONTACTED IMMEDIATELY TO MAKE AN EVALUATION OF THE FIND AND REPORT TO TOWN PLANNING. PLANNING STAFF MAY CONSULT AND/OR NOTIFY THE APPROPRIATE TRIBAL REPRESENTATIVE FROM TRIBES KNOWN TO STAFF TO HAVE INTERESTS IN THE AREA. ARTIFACTS ASSOCIATED WITH PREHISTORIC SITES INCLUDE HUMANLY MODIFIED STONE, SHELL, BONE, OR OTHER CULTURAL MATERIALS SUCH AS CHARCOAL, ASH AND BURNED ROCK INDICATIVE OF FOOD PROCUREMENT OR PROCESSING ACTIVITIES. PREHISTORIC FEATURES INCLUDE HEARTHS, FIRE PITS, OR HOUSE FLOOR DEPRESSIONS. WHEREAS TYPICAL MORTUARY FEATURES ARE REPRESENTED BY HUMAN SKELETAL REMAINS. HISTORIC ARTIFACTS POTENTIALLY INCLUDE ALL BY-PRODUCTS OF HUMAN LAND USE GREATER THAN 50 YEARS OF AGE INCLUDING TRASH PITS OLDER THAN FIFTY YEARS OF AGE. WHEN CONTACTED, A MEMBER OF PLANNING STAFF AND THE ARCHAEOLOGIST SHALL VISIT THE SITE TO DETERMINE THE EXTENT OF THE RESOURCES AND TO DEVELOP AND COORDINATE PROPER PROTECTION/MITIGATION MEASURES REQUIRED FOR THE DISCOVERY. PLANNING STAFF MAY REFER THE MITIGATION/PROTECTION PLAN TO DESIGNATED TRIBAL REPRESENTATIVES FOR REVIEW AND COMMENT. NO WORK SHALL COMMENCE UNTIL A PROTECTION/MITIGATION PLAN IS REVIEWED AND APPROVED BY PLANNING STAFF. MITIGATIONS MAY INCLUDE AVOIDANCE, REMOVAL, PRESERVATION AND/OR RECORDATION IN ACCORDANCE WITH CALIFORNIA LAW. ARCHAEOLOGICAL EVALUATION AND MITIGATION SHALL BE AT THE APPLICANT'S SOLE EXPENSE.
2. IF HUMAN REMAINS ARE ENCOUNTERED, ALL WORK MUST STOP IN THE IMMEDIATE VICINITY OF THE DISCOVERED REMAINS AND PLANNING STAFF, COUNTY CORONER, AND A QUALIFIED ARCHAEOLOGIST MUST BE NOTIFIED IMMEDIATELY SO THAT AN EVALUATION CAN BE PERFORMED. IF THE REMAINS ARE DEEMED TO BE NATIVE AMERICAN, THE NATIVE AMERICAN HERITAGE COMMISSION MUST BE CONTACTED BY THE CORONER SO THAT A "MOST LIKE DESCENDANT" CAN BE DESIGNATED AND THE APPROPRIATE PROVISIONS OF THE CALIFORNIA GOVERNMENT CODE AND CALIFORNIA CODE AND CALIFORNIA PUBLIC RESOURCES CODE WILL BE FOLLOWED.

GRADING NOTES

1. A GRADING PERMIT SHALL BE OBTAINED FROM THE TOWN OF WINDSOR BUILDING DIVISION PRIOR TO THE START OF ANY EARTHWORK, UNLESS EXEMPT UNDER APPENDIX J 103.2, OF THE ADOPTED CALIFORNIA BUILDING CODE, AND APPROVED BY THE TOWN ENGINEER.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE GEOTECHNICAL ENGINEER. ALL GRADING SHALL BE PERFORMED TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER AND SHALL BE IN CONFORMANCE WITH THE GEOTECHNICAL REPORT, APPENDIX J, AND CHAPTER 18 OF THE CURRENT CALIFORNIA BUILDING CODE, AND TOW DESIGN AND CONSTRUCTION STANDARDS.
3. STREET SUBGRADE SHALL BE COMPACTED TO 95% RELATIVE COMPACTION AS DETERMINED BY ASTM D1557 TO A DEPTH OF NO LESS THAN 6" IN THE ROADWAY SECTION. CLASS 2 AGGREGATE BASE SHALL BE COMPACTED TO 95% OF ASTM D1557. ASPHALT SHALL BE PLACED PER CALTRANS STANDARD SPECIFICATIONS SECTION 39 ON ASPHALT CONCRETE UNLESS OTHERWISE APPROVED BY TOWN ENGINEER.
4. THE USE OF THE SAND CONE METHOD (ASTM D1556) FOR DETERMINING FIELD DENSITIES WILL NOT BE ALLOWED AS A SUBSTITUTE FOR NUCLEAR GAUGE TESTING.ASTM D6938 THE MODIFIED PROCTOR, ASTM D1557 SHALL BE USED AS THE LABORATORY COMPACTION METHOD.
5. ALL GRADED AREAS AND EXPOSED SOIL WITHIN THIS PROJECT SHALL BE SEEDED FOR EROSION CONTROL BY THE CONTRACTOR. SEED AND MULCH WILL BE APPLIED BY OCTOBER 1ST (OR BEFORE THE FIRST RAIN OF THE SEASON, WHICHEVER COMES FIRST) TO ALL CUT AND FILL SLOPES WITHIN OR ADJACENT TO PROJECT ROADS. SEED AND FERTILIZER WILL BE APPLIED HYDRAULICALLY OR BY HAND AT THE RATES SPECIFIED BELOW. ON SLOPES, STRAW WILL BE APPLIED BY BLOWER OR BY HAND AND ANCHORED IN PLACE BY PUNCHING. ALL CRITICAL EARTHWORK OPERATIONS SHALL BE PERFORMED DURING THE DRY WEATHER SEASON, FROM MAY 1ST TO OCTOBER 1ST UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER IN WRITING AND IT MUST COMPLY WITH STATE CONSTRUCTION GENERAL PERMIT AND THE TOW'S MUNICIPAL STORMWATER NPDES PERMIT. THE CLEARING OF EXISTING VEGETATION SHALL BE CONFINED WITHIN THE LIMITS OF ACTUAL EARTHWORK. INCREMENTAL DEVELOPMENT SHALL BE REQUIRED TO ENSURE THAT THE AMOUNT OF LAND CLEARED AT ANY TIME IS LIMITED TO THE AREA THAT CAN BE DEVELOPED DURING THE CONSTRUCTION PERIOD. STORM WATER SHALL NOT BE ALLOWED TO FLOW DIRECTLY DOWN UNPROTECTED SLOPES. ENERGY DISSIPATING STRUCTURES AND EROSION CONTROL DEVICES SHALL BE PLACED AT ALL DRAINAGE OUTLETS THAT DISCHARGE TO NATURAL CHANNELS. ALL SEDIMENT TRAPS SHALL BE MAINTAINED BY THE OWNER UNTIL SUCH TIME THAT THE TOWN OR SONOMA COUNTY WATER AGENCY ACCEPTS MAINTENANCE RESPONSIBILITY.

ITEM	POUNDS PER ACRE
"BLANDO BROME"	30
ANNUAL RYE GRASS	20
FERTILIZER (16-20-0 & 15% SULPHUR)	500
STRAW MULCH	4000 OR 3500 LBS OF WOOD CELLULOSE

6. ANY EXISTING SEPTIC SYSTEM AND EXISTING WELLS SHALL BE ABANDONED UNDER PERMIT FROM THE SONOMA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT.

GENERAL NOTES

1. ALL CONSTRUCTION SHOWN ON THESE PLANS SHALL CONFORM TO THE MOST CURRENT TOWN OF WINDSOR (HEREINAFTER "TOWN" OR "TOW") DESIGN AND CONSTRUCTION STANDARDS, AND MOST CURRENT CALTRANS STANDARD SPECIFICATIONS SECTION 39 ON ASPHALT CONCRETE AS AMENDED THROUGH THE DATE OF TOWN APPROVAL OF THESE PLANS (HEREINAFTER "TOWN STANDARDS"), AND TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS AS AMENDED THROUGH THE DATE OF TOWN APPROVAL OF THESE PLANS (HEREINAFTER "CALTRANS STANDARDS"). IN THE EVENT OF CONFLICT BETWEEN TOWN STANDARDS AND CALTRANS STANDARDS, TOWN STANDARDS SHALL PREVAIL.
2. ANY DISCREPANCY DISCOVERED BY CONTRACTOR IN THESE PLANS OR ANY FIELD CONDITIONS DISCOVERED BY CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK PER THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE TOWN AND THE OWNER IMMEDIATELY UPON DISCOVERY. SAID NOTIFICATION SHALL BE IN WRITING.
3. CONTRACTOR SHALL INDEPENDENTLY REVIEW TOPOGRAPHY, AND TREE CONDITIONS THROUGHOUT THE SITE, AND ASSUME WHOLLY AND UNCONDITIONALLY THE RISK OF COMPLETING THE WORK SET OUT ON THESE PLANS, REGARDLESS OF GEOLOGY, WATER TABLE, OR OTHER CONDITIONS THAT CONTRACTOR MAY ENCOUNTER IN THE COURSE OF THE WORK.
4. WITH RESPECT TO TOWN AND ALL OTHER AGENCIES HAVING JURISDICTION OVER THE CONSTRUCTION TO BE PERFORMED, CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND PAY ALL APPLICABLE FEES PRIOR TO COMMENCING ANY CONSTRUCTION.
5. PRIOR TO ANY CONSTRUCTION ON TOWN PROPERTY OR WITHIN TOWN RIGHTS OF WAY OR EASEMENTS, CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE TOWN. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF SAID PERMIT.
6. A PRECONSTRUCTION MEETING, INCLUDING TOWN, CONTRACTOR REPRESENTATIVES, AND ANY PERTINENT PROJECT CONSULTANTS IS REQUIRED PRIOR TO COMMENCING CONSTRUCTION. CONTACT THE TOWN PUBLIC WORKS DEPARTMENT AT 707-838-1006 TO SCHEDULE PRECONSTRUCTION MEETING.
7. CONTRACTOR SHALL NOTIFY THE TOWN PUBLIC WORKS DEPARTMENT AT 707-838-1006 (OR BY EMAIL AS REQUIRED ON THE ENCROACHMENT PERMIT) TWO FULL TOWN OFFICE DAYS PRIOR TO COMMENCING CONSTRUCTION TO ALLOW SCHEDULING OF TOWN INSPECTION (TOWN OFFICE DAYS ARE MONDAY THROUGH THURSDAY, EXCLUSIVE OF TOWN HOLIDAYS). SUCH NOTICE SHALL ALSO BE PROVIDED PRIOR TO RESUMPTION OF CONSTRUCTION AFTER ANY PERIOD OF INTERRUPTION GREATER THAN SEVEN CALENDAR DAYS.
8. CALL BEFORE YOU DIG/UNDERGROUND SERVICE ALERT: FOR NORTHERN CALIFORNIA USA CALL TOLL FREE AT 811 OR 800-642-2444 AT LEAST TWO FULL WORKING DAYS PRIOR TO ANY EXCAVATION OR GROUND DISTURBING ACTIVITIES.
9. CONTRACTOR SHALL NOT BEGIN ANY EXCAVATION UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED IN THE FIELD BY THE APPLICABLE UTILITY OPERATOR. CONTRACTOR SHALL NOTIFY THE OPERATORS OF ANY POTENTIALLY AFFECTED UTILITIES AT LEAST TWO FULL WORKING DAYS PRIOR TO COMMENCING ANY EXCAVATION.
10. CONSTRUCTION WORK HOURS SHALL BE LIMITED TO 7:00 AM TO 5:00 PM, MONDAY THROUGH FRIDAY, EXCLUSIVE OF FEDERAL OR TOWN HOLIDAYS. TOWN INSPECTION WILL BE AVAILABLE FROM 7:00 AM TO 4:00 PM, MONDAY THROUGH FRIDAY, EXCLUSIVE OF FEDERAL OR TOWN HOLIDAYS. NO WORK IS PERMITTED ON WEEKENDS UNLESS AUTHORIZED BY THE TOWN ENGINEER.
11. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING NOISE, ODORS, DUST AND DEBRIS TO MINIMIZE IMPACTS ON SURROUNDING PROPERTIES AND ROADWAYS. CONTRACTOR SHALL BE RESPONSIBLE THAT ALL CONSTRUCTION EQUIPMENT IS EQUIPPED WITH MANUFACTURER'S APPROVED MUFFLER BAFFLES. FAILURE TO DO SO MAY RESULT IN THE ISSUANCE OF AN ORDER TO STOP WORK.
12. THE CONTRACTOR(S) SHALL BE REQUIRED TO MAINTAIN TRAFFIC FLOW ON AFFECTED ROADWAYS DURING NON-WORKING HOURS, AND TO MINIMIZE TRAFFIC RESTRICTION DURING CONSTRUCTION. CONTRACTOR(S) SHALL BE REQUIRED TO FOLLOW THE PROJECT TRAFFIC CONTROL PLAN, IF ONE HAS BEEN PROVIDED, AND TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH THE LATEST ADOPTED CALTRANS "CA MUTCD" (CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES). TOWN OF WINDSOR EMERGENCY SERVICE PROVIDERS SHALL BE NOTIFIED IN WRITING BY CONTRACTOR(S) AT LEAST 24 HOURS IN ADVANCE OF ANY PROPOSED CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY WHICH MIGHT AFFECT NORMAL TRAFFIC PATTERNS.
13. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL HALT CONSTRUCTION IMMEDIATELY; NOTIFY THE TOWN OF WINDSOR, AND IMPLEMENT REMEDIATION (AS DIRECTED BY THE TOWN OR ITS AGENT) IN ACCORDANCE WITH ANY REQUIREMENTS OF THE NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD.
14. ANY AND ALL EXCESS MATERIALS SHALL BE CONSIDERED THE PROPERTY OF THE CONTRACTOR AND SHALL BE RECYCLED TO MEET CONSTRUCTION WASTE RECYCLYING REQUIREMENTS BY THE TOWN AND ALL OTHER MATERIALS AND WASTE DISPOSED OF AWAY FROM THE JOB SITE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
15. ALL EXISTING OVERHEAD UTILITIES (OF 21,000 VOLTS OR LESS) AND PROPOSED UTILITIES, BOTH ONSITE AND ALONG PROJECT FRONTAGES, SHALL BE PLACED UNDERGROUND. THIS DOES NOT INCLUDE SURFACE MOUNTED TRANSFORMERS, PEDESTAL MOUNTED TERMINAL BOXES AND METER CABINETS.
16. UTILITY JOINT TRENCH LOCATIONS SHALL BE FIELD STAKED BY THE CONTRACTOR, AND THEN APPROVED BY THE TOWN PRIOR TO INITIATION OF ANY TRENCHING. THIS REQUIRED APPROVAL BY THE TOWN IS INDEPENDENT OF ANY AUTHORIZATION GRANTED BY THE UTILITY COMPANY, THE DEVELOPER AND/OR CONTRACTOR. TRENCH LOCATIONS WITHIN THE TREE PROTECTION ZONES OF ANY PROTECTED TREES MAY NOT BE APPROVED BY THE TOWN. THE TOWN'S INSPECTOR MAY REQUIRE CONSULTATION BY THE TOWN'S ARBORIST PRIOR TO APPROVAL OF TRENCH LOCATION. FAILURE TO COMPLY WITH THESE REQUIREMENTS MAY RESULT IN AN IMMEDIATE ORDER TO STOP WORK, AS WELL AS INCURRENCE OF CIVIL PENALTIES AS PROVIDED BY TOWN ORDINANCE.
17. SOIL SHALL NOT BE TREATED WITH LIME OR OTHER CEMENTITIOUS MATERIAL WITHOUT PRIOR EXPRESS PERMISSION BY THE COMMUNITY DEVELOPMENT DIRECTOR. BUILDING OFFICIAL, AND/OR TOWN ENGINEER.

NOTIFICATION FOR INSPECTIONS

1. INSPECTION AND APPROVAL OF ALL WORK SHALL BE NECESSARY DURING AND AT THE COMPLETION OF EACH OF THE FOLLOWING STAGES OF WORK AND SUCH APPROVAL MUST BE OBTAINED BEFORE SUBSEQUENT STAGES OF WORK MAY BE COMMENCED. ADDITIONALLY, THE INSPECTOR SHALL BE NOTIFIED AT LEAST TWO (48 HRS) WORKING DAYS IN ADVANCE BEFORE ANY OF THE FOLLOWING STAGES OF WORK ARE COMMENCED.
2. ANY CONSTRUCTION OR EXCAVATION REQUIRING INSPECTION THAT IS UNDERTAKEN WITHOUT INSPECTION IS SUBJECT TO RE-CONSTRUCTION AND RE-EXCAVATION AT THE CONTRACTOR'S EXPENSE.
3. INSPECTION MUST BE SCHEDULED FOR THE FOLLOWING WORK:
   - A. AFTER ALL EROSION CONTROL BMP'S RELATED TO SWPPP HAVE BEEN INSTALLED, AND BEFORE DEMOLITION OR GRADING BEGINS.
   - B. DEMOLITION, GRADING, COMPACTION, AND PREPARATION OF BUILDING PADS, EMBANKMENTS, EXCAVATIONS, AND SUBGRADE.
   - C. i. CONSTRUCTION OF SUBGRADE, AGGREGATE BASE, STEEL, AND FORMS FOR ALL CONCRETE STRUCTURES, INCLUDING CURBS, GUTTERS, SIDEWALKS, WALLS AND FOOTINGS.
     ii.EXCAVATION FOR STORM DRAINS, CULVERTS, AND ALL LID FEATURES.
   - D. i. PLACING OF CONCRETE IN ALL STRUCTURES, INCLUDING CURBS, GUTTERS, SIDEWALKS, FOOTINGS, AND WALLS.
     ii. PLACING OF STORM DRAINS, CULVERTS, AND LID FEATURE PIPES.
   - E. BACKFILLING FOR ALL STRUCTURES, PIPES, AND UTILITY TRENCHES.
   - F. CONSTRUCTION OF ROADSIDE DITCHES AND OTHER DRAINAGE FEATURES.
   - G. PLACING AND COMPACTING OF SUBGRADE AND BASE MATERIALS FOR ROADWAYS, CURBS, GUTTERS, AND SIDEWALKS.
   - H. PLACING OF PAVEMENT OR SURFACING. WITHIN 48 HOURS OF PAVING, ALL WATER VALVE BOXES AND OTHER "IRON" WILL BE BROUGHT TO GRADE AND INSPECTED.
   - I. PLACING OF STRIPING, STREET LIGHTS AND ALL PLACARD OR ELECTRONIC SIGNAGE.
   - J. PRIOR TO MAKING ANY NEW STREET LIGHT CONNECTION TO PG&E, THE CONTRACTOR IS REQUIRED TO CONTACT PG&E TO RECEIVE WRITTEN APPROVAL TO CONNECT. THE WRITTEN APPROVAL FROM PG&E SHALL BE EMAILED TO THE TOW PUBLIC WORKS INSPECTOR. ONCE THE PUBLIC WORKS INSPECTOR ACKNOWLEDGES BACK IN WRITING TO THE CONTRACTOR, THE APPROVED STREET LIGHT(S) MAY BE CONNECTED.
   - K. CONSTRUCTION OF LID LANDSCAPE FEATURES. TOWN INSPECTOR SHALL BE CALLED FOR INSPECTION OF TOTAL DEPTH EXCAVATED, PIPING INSPECTION, FILL PLACEMENT, AND FINAL INSPECTION, INCLUDING ALL "PUNCH LIST" ITEMS ONCE COMPLETED.
   - L. FINAL CLEAN-UP.
   - M. UPON COMPLETION OF CONSTRUCTION, FINAL CONNECTION WILL BE MADE BY THE CONTRACTOR AT THE DEVELOPER'S EXPENSE UNDER INSPECTION BY THE TOWN INSPECTOR, UNLESS OTHERWISE SPECIFIED ON THE PLANS.

DUST CONTROL NOTES

1. DUST CONTROL SHALL COMPLY WITH NORTHERN CALIFORNIA AIR POLLUTION CONTROL DISTRICT "RULE 430" FUGITIVE DUST EMISSIONS.
2. CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED IN PROPER WORKING ORDER AND SHALL NOT BE ALLOWED TO IDLE FOR A PERIOD OF LONGER THAN 5 MINUTES.
3. TO MINIMIZE FUGITIVE DUST AND THE RELEASE OF PM10, THE CONTRACTOR SHALL IMPLEMENT A DUST CONTROL PROGRAM COMPLYING WITH NORTHERN SONOMA COUNTY AIR POLLUTION CONTROL DISTRICT "RULE 430". DUST CONTROL MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
   - A. ACTIVE CONSTRUCTION SITE SHALL BE WATERED AS NEEDED, PREFERABLY IN THE LATE MORNING AND WHEN WORK HAS CEASED FOR THE DAY.
   - B. STOCKPILES OF LOOSE MATERIAL SHALL BE COVERED, BERMED, AND WEIGHTED AT ALL TIMES PER CURRENT CASQA BMP SEDIMENT CONTROLS, EXCEPT WHEN THIS WOULD INTERFERE WITH IMMEDIATE CONSTRUCTION ACTIVITIES.
   - C. ALL CLEARING, GRADING, EARTHMOVING OR EXCAVATION ACTIVITIES SHALL CEASE WHEN THE AVERAGE WIND SPEED FOR ONE HOUR EXCEEDS 20 MILES PER HOUR (MPH).
   - D. THE AREA DISTURBED BY EXCAVATION OR GRADING SHALL BE KEPT TO THE MINIMUM REQUIRED TO IMPLEMENT THE PROJECT.
   - E. WHEN TRAVELING ON EXPOSED SOILS, CONSTRUCTION SITE VEHICLE SPEED SHALL BE LIMITED TO 15 MPH.
   - F. HAUL VEHICLES SHALL BE COVERED WHEN NOT ACTIVELY ENGAGED IN SITE CONSTRUCTION ACTIVITY, AND DURING TRANSPORTATION ON PUBLIC ROADWAYS.
   - G. STREETS SHALL BE SWEPT REGULARLY AND KEPT FREE OF DIRT AND DEBRIS.
4. ALL PROJECT RELATED, DEBRIS AND WASTE SHALL BE RECYCLED OR DISPOSED OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL STATUES AND REGULATIONS.

STORM WATER MANAGEMENT PRACTICES

1. ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF WINDSOR, PHASE I MUNICIPAL STORMWATER NPDES PERMIT AND THE TOW'S STORMWATER ORDINANCE 2016-303, AND COMPLY WITH SITE SWPPP AND TOW MS4 INSPECTIONS AND NPDES REQUIREMENTS:
   - A. CONSTRUCTION CREWS SHALL BE INSTRUCTED IN PREVENTING AND MINIMIZING POLLUTION ON THE JOB.
   - B. STABILIZE CONSTRUCTION ENTRANCE/EXIT TO PREVENT TRACKING ONTO ROADWAY. ONLY ONE STABILIZED CONSTRUCTION ENTRANCE/EXIT WILL BE ALLOWED PER SITE. VEHICLES ENTERING AND LEAVING CONSTRUCTION SITES SHALL NOT SPREAD POLLUTANTS SUCH AS SEDIMENT, GRAVEL, AND OTHER LOOSE PARTICLES ONTO ADJACENT ROADS. POLLUTANTS ARE WASHED INTO ROADSIDE DITCHES AND ARE A NUISANCE TO DRIVERS AND MAY CAUSE DAMAGE TO VEHICLES, AND DO NOT COMPLY WITH TOW PERMITS.
   - C. PROTECT EXPOSED SLOPES AND ADJACENT STREAMS FROM EROSION THROUGH PREVENTATIVE MEASURES. COVER SLOPES TO AVOID CONTACT WITH STORM WATER BY HYDRO-SEEDING MULCH, USE OF PLASTIC SHEETING OR OTHER APPROVED MEANS.
   - D. USE BROOMS AND SHOVELS WHEN POSSIBLE TO MAINTAIN A CLEAN SITE. USE OF A HOSE IS NOT ALLOWED, UNLESS FULLY CONTAINED. INTRODUCING WATER AS A CLEANUP METHOD ADDS TO WATER POLLUTION.
   - E. DESIGNATE A CONCRETE WASHOUT AREA. DO NOT ALLOW WASH WATER FROM CONCRETE TOOLS OR TRUCKS TO ENTER STORM DRAIN SYSTEMS. MAINTAIN WASHOUT AREA AND DISPOSE OF CONCRETE WASTE ON A REGULAR BASIS.
   - F. ESTABLISH A VEHICLE STORAGE, MAINTENANCE, AND REFUELING AREA TO MINIMIZE THE SPREAD OF OIL, GAS, AND ENGINE FLUIDS. USE OF OIL PANS OR BERMED VISQUEEN UNDER STATIONARY VEHICLES IS STRONGLY RECOMMENDED.
   - G. GRADING ON HILL SLOPES GREATER THAN 10% BETWEEN OCTOBER 1ST AND APRIL 30TH IS NOT ALLOWED UNLESS A WRITTEN EXCEPTION IS GRANTED BY THE TOW AND WATER QUALITY MONITORING IS COMPLETED DAILY AS REQUIRED BY THE TOW'S MUNICIPAL STORMWATER NPDES PERMIT.
   - H. SUBMIT STORMWATER AND INSPECTION REPORTS TO: PWINSPECTION@TOWNOFWINDSOR.CA.GOV.
   - I. PROTECT DRAIN INLETS FROM RECEIVING POLLUTED STORM WATER THROUGH THE USE OF FILTERS SUCH AS FABRICS, GRAVEL BAGS OR STRAW WATTLES.
   - J. BE PREPARED FOR RAIN AND HAVE THE NECESSARY MATERIALS ONSITE BEFORE OCTOBER 1ST.
   - K. INSPECT ALL BMPS BEFORE AND AFTER EACH STORM EVENT. MAINTAIN BMPS ON A REGULAR BASIS AND REPLACE AS NECESSARY, THROUGH THE ENTIRE COURSE OF CONSTRUCTION.
   - L. CONSTRUCTION SHALL ADHERE TO MINIMUM BEST MANAGEMENT PRACTICES (BMP'S) AS REQUIRED BY THE TOWN TO MINIMIZE THE AMOUNT OF SEDIMENT AND OTHER POLLUTANTS LEAVING THE SITE DURING CONSTRUCTION.

STORM DRAIN NOTES

1. STORM DRAIN CONDUITS SHALL BE REINFORCED CONCRETE PIPE (RCP) PIPE CONFORMING TO CALTRANS STANDARD SPECIFICATION SECTIONS 65. CAST IN PLACE CONCRETE PIPE, HIGH DENSITY POLYETHYLENE (HDPE), AND POLYVINYL CHLORIDE (PVC) PLASTIC STORM DRAIN CONDUIT ARE ACCEPTED ALTERNATE TO CLASS III RCP ONLY. HOWEVER, CAST IN PLACE PIPE SHALL NOT BE USED IN EXISTING ROADWAYS AND PLASTIC PIPE SHALL NOT BE USED WITHIN THE TRAVELED WAY OF INDUSTRIAL, COLLECTOR OR ARTERIAL STREETS. HDPE PIPE SHALL HAVE SILT TIGHT GASKETED COUPLINGS & PVC PIPE SHALL HAVE RUBBER GASKETS. EXCAVATION AND BACKFILL FOR PLASTIC PIPE SHALL CONFORM TO THE PROVISIONS IN THE STRUCTURE EXCAVATION AND BACKFILL SECTION OF THE LATEST VERSION OF THE CALTRANS STANDARD SPECIFICATIONS, AND AS SHOWN FOR METAL PIPE ON CALTRANS STANDARD PLAN FOR EXCAVATION AND BACKFILL METAL AND PLASTIC CULVERTS. IN ADDITION, PIPE BACKFILL MATERIAL SHALL BE FILLED AND COMPACTED TO THE SPRING LINE OF THE PIPE AND SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
   - A. MATERIAL SHALL HAVE A MINIMUM DURABILITY INDEX OF 35 AND A MINIMUM SAND EQUIVALENT OF 20 AND SHALL BE FREE OF ORGANIC MATERIAL.

SIEVE SIZE	PERCENT PASSING MIN	MAX
3/4"	100	100
3/8"	80	100
NO. 4	30	70
NO. 16	5	40
NO. 200	0	4

2. MINIMUM COVER OVER PIPE TO BE 24", THE MAXIMUM ALLOWABLE COVER SHALL BE LIMITED TO 11 FEET FOR ALL SIZES.
3. ALL STORM DRAIN MANHOLES SHALL BE A MINIMUM OF 48" IN DIAMETER. UNLESS OTHERWISE NOTED, MANHOLE FRAME AND COVER SHALL HAVE 24" CLEAR OPENING, AND BE HEAVY DUTY NON-ROCKING. RAISED LETTERS ON TOP OF THE COVER SHALL READ, "STORM DRAIN." PIPES SHALL NOT INTRUDE INTO INSIDE OF MANHOLE. PIPE ENDS SHALL BE ROUNDED.
4. REINFORCED CONCRETE PIPE AND CAST-IN-PLACE STORM DRAIN PIPE SHALL BE PLACED AND BACKFILLED IN ACCORDANCE WITH CALTRANS' STANDARD PLANS DRAWING A62-D. STORM DRAIN MAINS WITHIN TOWN MAINTAINED ROADS SHALL BE MINIMUM 18 INCH DIAMETER, EXCEPT LATERALS WHICH MAY BE 15 IN. DIAMETER.
5. ALL CURB INLETS SHALL BE SUPPLIED WITH A MEDALLION STATING, "NO DUMPING, DRAINS TO CREEK" PER TOW STD PLAN NO. 304.

REGISTERED PROFESSIONAL ENGINEER — NAME OF ENGINEER — No. xxxxx — CIVIL — STATE OF CALIFORNIA

PLANS PREPARED BY:

Company Logo

Address
Tel: 000-000-0000 Fax: 000-000-0000

BY: _____
ENGINEER'S SIGNATURE DATE

DESIGNED: | DRAWN: | CHECKED:

REVISIONS				TOWN OF WINDSOR APPROVED	
NO.	DESCRIPTION	REVIEWED BY	DATE	BY	DATE

TOWN OF WINDSOR
PUBLIC WORKS DEPARTMENT

(PROJECT NAME)

(SHEET DESCRIPTION)

SCALE: AS SHOWN | SHEET 2 OF #

DATE: MM/DD/YYYY | TOWN FILE NO.

Images: I:\tow_logo\940wx38.png;I:\tow_logo\658x1207.png;I:\tow_logo\Conf0900.png;I:\tow_logo\641662.png Xrefs:
Paths: C:\Users\ryan\logo\Downloads\Improvement Plans Title Block_10-14-2025.dwg Layout Name: 2. Notes Plot Date: Oct 14, 2025 at 15:17

Developer-Constructed Projects

Base Sheet Rev. Date: SEP 30, 2025

GENERAL UNDERGROUND NOTES

1. NO GUARANTEE IS INTENDED THAT UNDERGROUND OBSTRUCTIONS, NOT SHOWN ON THESE PLANS, WILL NOT BE ENCOUNTERED. THOSE SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE AND THE CONTRACTOR IS CAUTIONED THAT THE OWNER, THE ENGINEERS, AND THE TOWN OF WINDSOR ASSUME NO RESPONSIBILITY FOR ANY OBSTRUCTIONS EITHER SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY COMPANIES WORKING WITHIN THE LIMITS OF THIS PROJECT.
2. CONTRACTOR SHALL NOT BEGIN EXCAVATION UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED IN THE FIELD BY THE APPLICABLE ENTITY RESPONSIBLE FOR THAT PARTICULAR UTILITY. THE CONTRACTOR SHALL NOTIFY EACH APPLICABLE ENTITY AT LEAST 2 FULL WORKING DAYS BEFORE STARTING WORK. PER CALIFORNIA GOVERNMENT CODE 4216.9 ANY PERMITTEE PLANNING TO EXCAVATE OR TRENCH WITHIN THE PUBLIC RIGHT OF WAY IS REQUIRED TO OBTAIN AN INITIAL TICKET BY A REGIONAL NOTIFICATION CENTER: USA NORTH 811 (PHONE 811).
3. CONTRACTOR SHALL UNCOVER EXISTING BURIED UTILITIES WITH UTILITY OWNER TO VERIFY LOCATIONS AND ELEVATIONS OF UTILITIES. BURIED UTILITIES INCLUDE, BUT ARE NOT LIMITED TO WATER MAINS AND LATERALS, SEWER LINES, STORM DRAINS, GAS MAINS AND LATERALS, ELECTRICAL DISTRIBUTION LINES AND TELEPHONE LINES. ALL UTILITIES CONFLICTING WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED PRIOR TO THE START OF CONSTRUCTION, OR NEW UTILITIES SHALL BE PLACED AS TO NOT BE IN CONFLICT WITH EXISTING UTILITIES.
4. THE CONTRACTOR SHALL VERIFY EXISTING INVERTS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. THE PROJECT AND/OR DESIGN ENGINEER MAY ADJUST THE GRADE OF NEW UNDERGROUND CONSTRUCTION ACCORDINGLY WITH CONCURRENCE FROM THE TOWN.
5. ALL UNDERGROUND IMPROVEMENTS SHALL BE INSTALLED AND APPROVED PRIOR TO PAVING.
6. THE CONTRACTOR SHALL STAMP THE LETTER "S" ON THE FACE OF CURB DIRECTLY ABOVE THE SEWER LATERAL, AND THE LETTER "W" ON THE FACE OF CURB DIRECTLY ABOVE WATER SERVICES, AND THE LETTER "B" ON FACE OF CURB DIRECTLY ABOVE A BLOW OFF OR AIR RELIEF VALVE AND THE LETTER "R" DIRECTLY ABOVE RECYCLED WATER SERVICES. AT A DRIVEWAY, THE STAMP SHALL BE PLACED AT THE BACK OF RAMP. THE LETTERS SHALL BE 4" HIGH AND COMPLETELY LEGIBLE.
7. WATER AND SEWER SERVICE LATERALS SHALL BE SEPARATED HORIZONTALLY BY A MINIMUM OF 5 FEET CLEAR.
8. ITEMS SPECIFIED ON THE STANDARD PLANS ARE APPROVED FOR USE BY THE TOWN OF WINDSOR. ALL SUBSTITUTES OR ALTERATIONS SHALL BE SUBMITTED TO THE TOWN OF WINDSOR FOR APPROVAL.

SANITARY SEWER NOTES

1. GRAVITY SEWER PIPE MAINS UP TO AND INCLUDING 12" SHALL BE POLYVINYL CHLORIDE (PVC), SDR 26 (UNLESS OTHERWISE APPROVED), OR DUCTILE IRON PIPE, CLASS 52, POLYETHYLENE ENCASED. MATERIALS FOR PIPES LARGER THAN 12" SHALL BE APPROVED BY THE TOWN ENGINEER.
2. SEWER MAIN INSTALLED OUTSIDE OF PAVED ROADWAYS SHALL BE DUCTILE IRON.
3. ALL SANITARY SEWER MANHOLES SHALL BE A MINIMUM OF 48" IN DIAMETER. UNLESS OTHERWISE NOTED, MANHOLE FRAME AND COVER SHALL HAVE 24" CLEAR OPENING, AND READ "SANITARY SEWER."
4. TRENCH BEDDING AND, BACKFILL FOR INSTALLATION OF SEWER PIPE SHALL BE IN ACCORDANCE WITH TOW STD PLAN NO. 501.

WATER SYSTEM NOTES

1. THERE SHALL BE A FIVE HOUR MAXIMUM SHUTDOWN TIME OF EXISTING MAINS WHILE MAKING CONNECTION. A MINIMUM OF TWENTY-FOUR HOUR WRITTEN NOTICE OR DIRECT COMMUNICATION OF SHUTDOWN SHALL BE GIVEN TO ALL WATER CUSTOMERS BY CONTRACTOR. EXISTING VALVES SHALL BE OPERATED BY TOWN PERSONNEL ONLY. NO WATER MAIN CONNECTIONS ARE PERMITTED ON FRIDAY, WEEKENDS, ON A HOLIDAY, OR ON ANY DAY PRECEDING A HOLIDAY.
2. START EXCAVATION BY EXPOSING END OF EXISTING WATER MAIN TO DETERMINE ITS LINE AND GRADE. START NEW MAIN 8-10 FEET FROM AND ON SAME LINE AND GRADE AS EXISTING MAIN. PIPE LAYING SHALL THEN BE ADJUSTED SO DEPTH OF NEW MAIN CONFORMS TO NOTE NO. 3.
3. MINIMUM DEPTH OF COVER FROM FINISHED GRADE SHALL BE 36" FOR 6" AND 8" MAINS AND 44" FOR 12" AND LARGER MAINS. WHERE COVER IS GREATER THAN 30", BUT LESS THAN THE STANDARD COVER, CLASS 50 DUCTILE IRON PIPE SHALL BE REQUIRED. ALL MAIN LINE VALVES SHALL BE RESILIENT SEATED. 18" OR LARGER MAINLINE VALVES SHALL BE BUTTERFLY VALVES. BLOW OFF VALVES SHALL BE 2" OR 3" GATE VALVES WITH HAND WHEELS.
4. NO. 10 INSULATED COPPER WIRE SHALL BE LAID ON TOP OF AND ALONG ENTIRE LENGTH OF ALL MAINS AND SHALL BE EXTENDED TO THE SURFACE AT ALL VALVE LOCATIONS, BLOW OFFS, AND METER BOXES SUFFICIENTLY FOR LOCATOR EQUIPMENT TO BE ATTACHED. FASTEN THE WIRE TO THE TOP OF THE PIPE SO AS NOT TO BE DISPLACED BY BACKFILLING PROCEDURE (ONE METHOD OF ACCOMPLISHING THIS IS TO AFFIX THE WIRE TO THE TOP OF THE PIPE WITH DUCT TAPE AT APPROXIMATELY 10 FEET INTERVALS).
5. WATER MAINS TO BE CONSTRUCTED WITHIN 10' OF SEWER PIPE REQUIRE SPECIAL INSTALLATION AND DESIGN MUST BE IN ACCORDANCE WITH THE STATE OF CALIFORNIA DEPARTMENT OF HEALTH STANDARDS, AND SPECIFICALLY APPROVED BY THE TOWN OF WINDSOR.
6. ALL TRENCHING, BACKFILL AND RESURFACING REQUIRED FOR INSTALLATION OF WATER SYSTEM FACILITIES SHALL BE PER TOW STD PLAN NO. 501.
7. ONLY TOWN OF WINDSOR PERSONNEL SHALL OPERATE VALVES ON EXISTING WATER MAINS OR WATER SERVICES.
8. UNLESS OTHERWISE SHOWN ON THE PLANS, 1" WATER SERVICE LATERALS SHALL BE INSTALLED IN RESIDENTIAL DEVELOPMENTS, AND 2" WATER SERVICE LATERALS SHALL BE INSTALLED IN COMMERCIAL DEVELOPMENTS.
9. ALL POLYETHYLENE WATER SERVICE TUBING SHALL BE SDR 9, 200 PSI CONFORMING TO ASTM D_2737.
10. ALL METER BOXES, VAULTS AND PITS SHALL BE BEDDED ON A 3" MINIMUM THICK, 3/4" DRAIN ROCK, CLASS 2 AB, OR OTHER TOWN APPROVED CLEAN MATERIAL WITH A SAND EQUIVALENT OF 20 MINIMUM, UNCONTAMINATED BY NATIVE SOIL, AGAINST COMPACTED OR UNDISTURBED BASE. THE GRAVEL BED SHALL EXTEND TO A 4" MINIMUM BEYOND ALL SIDES OF THE METER BOX. BOX SHALL BE SET FLUSH WITH TOP OF CURB, SIDEWALK OR GROUND, WHICHEVER IS APPLICABLE. LOT NUMBERS MUST BE NOTED ON TOP SIDE OF METER BOX WITH A PERMANENT MARKING PEN.
11. METER BOXES SHALL BE LOCATED OUT OF TRAFFIC LOADING AREAS WHENEVER POSSIBLE, OR IF APPROVED BY THE TOWN SHALL BE TRAFFIC RATED (TRAFFICABLE) METER OR VALVE BOXES.
12. METER MANIFOLDS MUST BE DETAILED AND APPROVED BY THE TOWN OF WINDSOR. IN GENERAL, MANIFOLDS WHERE ALL FITTINGS ARE 2" OR LESS SHALL BE CONSTRUCTED FROM THREADED BRASS PIPE AND FITTINGS FROM THE END OF THE SERVICE LATERAL TO THE METER CONNECTION. NO PLASTIC PIPE SHALL BE USED IN CONSTRUCTING MANIFOLDS OF ANY SIZE. NO MORE THAN SIX METERS MAY BE ON A MANIFOLD OFF OF A SINGLE WATER SERVICE LATERAL, WITH NO MORE THAN 3 ON EITHER SIDE OF THE SERVICE.
13. GASKETS FOR FLANGE FITTINGS SHALL CONFORM TO AWWA STD C115.
14. BEFORE COMBUSTIBLE MATERIALS MAY BE STORED OR CONSTRUCTED ON SITE, THE FIRE DEPARTMENT MUST APPROVE FIRE FLOW AND ACCESS. BEFORE A FIRE HYDRANT MAY BE PLACED IN SERVICE, A HIGH VELOCITY FLUSHING OF THE HYDRANT LATERAL SHALL BE WITNESSED AND APPROVED BY THE TOWN. HIGH VELOCITY FLUSHING SHALL CONSIST OF REMOVING THE HYDRANT AND REPLACING IT WITH A SUITABLE ELBOW AND DIFFUSER. UNDER THE TOWN'S SUPERVISION, THE HYDRANT LATERAL IS FLUSHED UNTIL THE TOWN PERSONNEL ARE SATISFIED THAT THE LINES ARE CLEAR OF DEBRIS. PRIOR TO ACCEPTANCE OF THE ONSITE WATER MAIN BY THE TOWN, 6" METER AND DOUBLE CHECK VALVE ASSEMBLY, CERTIFIED BY THE TOWN, MUST BE INSTALLED.
15. WHEN A CONNECTION IS REQUIRED TO AN EXISTING WATER MAIN, THE CONTRACTOR SHALL PROVIDE ALL EXCAVATION, SHORING, BACKFILL AND TRENCH RESURFACING PER TOW STD PLAN NO. 501. WHERE THE CONNECTION IS TO BE A "HOT TAP", THE CONTRACTOR SHALL PROVIDE AND INSTALL THE TAPPING VALVE AND SLEEVE, UNDER TOWN INSPECTION, AND ANY OTHER HARDWARE REQUIRED AND WILL MAKE THE TAP. NO HOT TAP SHALL BE MADE WITHIN 4 FEET OF A JOINT (MEASURE FROM JOINT TO CENTERLINE OF INTERSECTING PIPE). IF NECESSARY THE JOINT SHALL BE REMOVED, AND THE PROPOSED HOT TAP SHALL BE REPLACED WITH A "CUT-IN" TEE. WHEN A "CUT-IN" TEE AND VALVE(S) ASSEMBLY IS REQUIRED ON THE PLANS, THE CONTRACTOR SHALL PROVIDE AND INSTALL THE ENTIRE ASSEMBLY (INCLUDING VALVES), AND ANY THER HARDWARE NECESSARY UNDER TOWN INSPECTION, AND SHALL PROVIDE ALL OTHER WORK AND MATERIALS NECESSARY TO COMPLETE THE INSTALLATION TO TOWN STANDARDS.
16. AFTER A STREET HAS BEEN OVERLAYED, ALL WATER VALVE BOXES WILL BE MARKED IN WHITE PAINT BEFORE THE CLOSE OF THAT WORKDAY.
17. ALL COMPONENTS OF THE WATER SYSTEM MUST BE STAMPED AS "NON-LEAD" AND COMPLY WITH THE STANDARDS AND REGULATIONS SET BY THE ENVIRONMENTAL PROTECTION AGENCY'S 2021 LEAD AND COPPER RULE REVISION

RECYCLED WATER NOTES

1. CHANGES MADE TO THE APPROVED RECYCLED WATER IRRIGATION OR UTILITY PLANS SHALL BE SUBMITTED TO TOWN OF WINDSOR FOR REVIEW AND APPROVAL AT LEAST 2 WEEKS PRIOR TO START OF CONSTRUCTION.
2. NOTIFY THE TOWN OF WINDSOR INSPECTOR A MINIMUM OF 48 HOURS BEFORE WORK BEGINS. RECYCLED WATER SYSTEM CONSTRUCTION INSPECTIONS INCLUDE:
   A. INSPECTION PRIOR TO WORK OF MATERIALS FOR CONSTRUCTION.
   B. INSPECTIONS DURING CONSTRUCTION AND PIPE PRESSURE TESTING TO VERIFY CONFORMANCE WITH APPROVED PLANS AND TOWN STANDARDS.
   C. FINAL CONSTRUCTION INSPECTION TO CONFIRM INSTALLED FACILITIES MEET ALL REQUIREMENTS.
   D. SITES MUST PASS REQUIRED CROSS-CONNECTION CONTROL INSPECTION AND TEST PERFORMED BY CERTIFIED CROSS-CONNECTION CONTROL SPECIALIST APPROVED BY THE TOWN (IF APPLICABLE)
3. AT LEAST TWO WORKING DAYS PRIOR TO START OF CONSTRUCTION, CONTRACTOR AND THE TOWN OF WINDSOR INSPECTOR SHALL HOLD A PRE-CONSTRUCTION MEETING. TO SCHEDULE MEETING, CONTACT THE TOWN OF WINDSOR AT (707) 838-1006.
4. PROPER BACKFLOW PREVENTION SHALL BE PROVIDED AT ALL POTABLE POINTS OF CONNECTION TO THE SITE. AT A MINIMUM, A REDUCED PRESSURE BACKFLOW PREVENTION DEVICE SHALL BE PROVIDED ACCORDING TO TOW STD PLAN NO. 510.
5. PRIOR TO CONNECTION OF RECYCLED WATER, A CROSS CONNECTION CONTROL INSPECTION AND TEST SHALL BE CONDUCTED FOR ALL DUAL-PLUMBED SITES, AND AS REQUIRED BY THE TOWN FOR OTHER NEW OR RETROFIT RECYCLED WATER USE SITES. INSPECTION AND TESTING SHALL BE BY A CERTIFIED CROSS CONNECTION CONTROL SPECIALIST APPROVED BY THE TOWN. A WRITTEN REPORT DOCUMENTING SUCCESSFUL TEST RESULTS SHALL BE SUBMITTED TO THE TOWN.
6. THE FOLLOWING ARE TOWN OF WINDSOR USE RESTRICTIONS FOR RECYCLED WATER WHICH SHALL BE NOTED ON AND APPLY TO THESE IMPROVEMENT PLANS:
   A. VERNAL POOLS SHALL NOT BE IRRIGATED OR DISTURBED.
   B. NO IRRIGATION WITHIN 3 FEET OF THE DRIP LINE OF AN OAK TREE.
   C. NO IRRIGATION WITHIN 50 FEET OF ANY WELL USED FOR DOMESTIC DRINKING WATER SUPPLY.
   D. NO OVERHEAD SPRINKLER IRRIGATION WITHIN 30 FEET OF CREEKS, PROPERTY LINES OF PARCELS NOT IRRIGATED WITH RECYCLED WATER, OR TRAVELED EASEMENTS USED BY ADJOINING NEIGHBORS NOT IRRIGATING THEIR PARCEL WITH RECYCLED WATER.
   E. APPLICATION OF RECYCLED WATER SHALL NOT EXCEED THE SOIL ABSORPTION RATE OR RESULT IN PONDING OR RUNOFF.
   F. DRINKING FOUNTAINS, FOOD SERVICE AREAS, AND DESIGNATED EATING AREAS MUST BE LOCATED OR PROTECTED SO THAT THEY ARE NOT EXPOSED TO ANY SPRAY OR MIST FROM RECYCLED WATER.
7. MINIMUM DEPTH OF COVER FROM FINISHED GRADE SHALL BE 30" FOR 4" MAINS; 36" FOR 6" AND 8" MAINS; AND 44" FOR 12" AND LARGER MAINS. WHERE COVER IS GREATER THAN 30", BUT LESS THAN THE STANDARD COVER, CLASS 50 DUCTILE IRON PIPE SHALL BE REQUIRED.
8. MINIMUM DEPTH OF COVER FROM FINISHED GRADE TO ONSITE RECYCLED WATER PIPING SHALL BE: 30" FOR 3"AND 4" PRESSURIZED LINES AND 24" FOR PRESSURIZED LINES 2.5" AND SMALLER; AND 18" FOR INTERMITTENT PRESSURE LINES AND IRRIGATION CONTROL WIRING.
9. MAINTAIN MINIMUM PIPELINE SEPARATION BETWEEN RECYCLED WATER MAINS AND POTABLE WATER MAINS PER CALIFORNIA WATERWORKS STANDARDS TITLE 22 SECTION 64572. RECYCLED WATER MAINS SHALL NOT BE INSTALLED IN THE SAME TRENCH AND SHALL BE AT LEAST 4 FEET HORIZONTALLY FROM AND 1 FOOT VERTICALLY BELOW, ANY PIPELINE CONVEYING POTABLE WATER. A RECYCLED WATER MAIN SHALL CROSS A POTABLE WATER MAIN AT NO LESS THAN A 45-DEGREE ANGLE AND NO PIPE JOINTS SHALL BE ALLOWED IN THE POTABLE WATER MAIN WITHIN 8 HORIZONTAL FEET OF THE CROSSING.
10. WHERE WATER MAIN SEPARATION REQUIREMENTS ARE IMPOSSIBLE TO MAINTAIN AND RECYCLED WATER MAINS RUN PARALLEL OR CROSS POTABLE WATER MAINS, USE SPECIAL CONSTRUCTION METHODS APPROVED BY THE TOWN ENGINEER AND CDPH. SPECIAL METHODS INCLUDE ENCASING RECYCLED WATER MAIN IN A CONTINUOUS PVC SCHEDULE 80 SLEEVE TO A MINIMUM 10 FEET BEYOND THE POINT WHERE THE MINIMUM OF 4 FEET HORIZONTAL AND 1 FOOT VERTICAL SEPARATION CAN BE MAINTAINED. A RECYCLED WATER MAIN HORIZONTAL SEPARATION OF LESS THAN 4 FEET OR CONSTRUCTION IN THE SAME TRENCH AS POTABLE WATER FACILITIES IS NOT ALLOWED WITHOUT SPECIAL PERMISSION FROM CDHP.
11. ALL TRENCH BEDDING AND, BACKFILL AND RESURFACING REQUIRED FOR INSTALLATION OF RECYCLED WATER PIPES SHALL BE PER TOW STD PLAN NO. 501.
12. NO. 10 INSULATED COPPER WIRE SHALL BE LAID ON TOP OF AND ALONG ENTIRE LENGTH OF ALL MAINS AND ONSITE PRESSURE PIPING AND SHALL BE EXTENDED TO THE SURFACE AT ALL VALVE LOCATIONS, BLOWOFFS AND METER BOXES SUFFICIENTLY FOR LOCATOR EQUIPMENT TO BE ATTACHED. FASTEN WIRE TO TOP OF PIPE SO AS NOT TO BE DISPLACED BY BACKFILLING.
13. ALL RECYCLED WATER PIPING AND EQUIPMENT SHALL BE COLOR CODED AND MARKED BY AN APPROVED METHOD INCLUDING:
   A. FOR BURIED PIPING USE PURPLE-COLORED (PANTONE 512) PVC PIPE WITH CONTINUOUS WORDING: "RECYCLED WATER" PRINTED ON THE PIPE; PIPE SHALL BE LAID WITH WORDING FACING UPWARDS.
   B. FOR BURIED PIPING USE MARKING TAPE WITH A MINIMUM WIDTH OF 3 INCHES READING: "RECYCLED WATER" BLACK OR WHITE LETTERING ON PURPLE BACKGROUND) RUN CONTINUOUSLY AND PERMANENTLY AFFIXED TO TOP OF PIPING WITH PLASTIC TAPE BANDED EVERY 5 FEET ON CENTER, MINIMUM.
   C. FOR ABOVE GRADE PIPING USE PURPLE COLOR INTEGRAL TO THE PIPE MATERIAL OR MARK PIPE WITH PERMANENT IDENTIFICATION TAPE SUCH AS ADHESIVE, MYLAR PVC TAPE ALONG THE LENGTH OF THE PIPE AND CONTINUOUS WORDING: "RECYCLED WATER." (EXPOSED PURPLE PVC PIPE IS NOT ACCEPTABLE BECAUSE COLOR WILL FADE.)
   D. ALL MECHANICAL EQUIPMENT THAT IS APPURTENANT TO A RECYCLED WATER SYSTEM SHALL BE PAINTED PURPLE TO MATCH MARKING TAPE.
14. INSTALL ALL NEW VALVES AND APPURTENANCES WHICH MIGHT RELEASE RECYCLED WATER (EXCEPT SPRINKLERS AND EMITTERS) IN PURPLE VALVE BOXES WITH BOLT DOWN PURPLE COVERS WITH MOLDED LABELS THAT READ "RECYCLED WATER." EXISTING VALVE BOXES USED FOR RECYCLED WATER SHALL BE MARKED WITH NAMEPLATES OF PURPLE DURABLE MATERIAL PERMANENTLY AFFIXED TO LID PER TOW STD PLAN NO. 612.
15. ALL RECYCLED WATER METERS, DEVICES, AND VALVES INCLUDING ISOLATION VALVES, IRRIGATION CONTROLLERS, PRESSURE REGULATING VALVES, QUICK COUPLING VALVES, BACKFLOW PREVENTER, SHALL HAVE PERMANENT RECYCLED WATER IDENTIFICATION TAGS PER TOW STD PLAN NO. 612.

RECYCLED WATER NOTES CONTINUED

16. RECYCLED WATER ADVISORY SIGNS CONFORMING TO THE DETAILS AND SPECIFICATIONS ON THE APPROVED IMPROVEMENT PLANS SHALL BE POSTED AT LOCATIONS SHOWN ON THOSE PLANS AND AS REQUIRED BY THE TOWN ENGINEER.
17. ALL RECYCLED WATER METERS WILL BE SET BY THE TOWN OF WINDSOR AFTER:
   A. THE SITE'S OWNER OR AUTHORIZED REPRESENTATIVE HAS APPLIED FOR RECYCLED WATER SERVICE, ALL FEES HAVE BEEN PAID, AND THE RECYCLED WATER USE PERMIT HAS BEEN ISSUED BY THE TOWN.
   B. THE TOWN OF WINDSOR INSPECTOR MUST INSPECT THE DISCONNECTION OF THE SITE'S RECYCLED WATER SYSTEM FROM THE TEMPORARY POTABLE WATER SUPPLY, AND THEN INSPECT THE CONNECTION OF THE SYSTEM TO THE RECYCLED WATER METER.

FOR REDUCED PLANS, THE 0 1 2 3 ORIGINAL SCALE IS IN INCHES

Images: town logo9494ss38.png;town logo6584287.png;town logoFont9900.png;town logob4168962.png Xrefs:
Paths: C:\Users\yuan\logo\Downloads\Improvement Plans Title Block_10-14-2025.dwg Layout Name: 3. Notes Plot Date: Oct 14, 2025 at 15:17

PLANS PREPARED BY:
Company Logo
Address
Tel: 000-000-0000 Fax: 000-000-0000

REGISTERED PROFESSIONAL ENGINEER — NAME OF ENGINEER — No. xxxxx — CIVIL — STATE OF CALIFORNIA

BY: _____
ENGINEER'S SIGNATURE DATE

DESIGNED:	DRAWN:	CHECKED:

REVISIONS

NO.	DESCRIPTION	REVIEWED BY	DATE

TOWN OF WINDSOR APPROVED

BY	DATE

TOWN OF WINDSOR
PUBLIC WORKS DEPARTMENT

(PROJECT NAME)

(SHEET DESCRIPTION)

SCALE: AS SHOWN SHEET 3 OF #

DATE: MM/DD/YYYY TOWN FILE NO.

Developer-Constructed Projects

Base Sheet Rev. Date: SEP 30,2025

FOR REDUCED PLANS, THE ORIGINAL SCALE IS IN INCHES 0 1 2 3

Images: town logo(48wx38).png town logo(584X612).png town logo(cart0900).png town logo(416862).png Xrefs:
Paths: C:\Users\vsoslogo\Downloads\Improvement Plans Title Block_10-14-2025.dwg Layout Name: 4. Plans Plot Date: Oct 14, 2025 at 15:17

REGISTERED PROFESSIONAL ENGINEER — NAME OF ENGINEER — No. xxxxx — CIVIL — STATE OF CALIFORNIA

PLANS PREPARED BY:

Company Logo

Address
Tel: 000-000-0000 Fax: 000-000-0000

BY: _____
ENGINEER'S SIGNATURE DATE

DESIGNED:	DRAWN:	CHECKED:

REVISIONS

NO.	DESCRIPTION	REVIEWED BY	DATE

TOWN OF WINDSOR APPROVED	
BY	DATE

TOWN OF WINDSOR
PUBLIC WORKS DEPARTMENT

(PROJECT NAME)

(SHEET DESCRIPTION)

SCALE: AS SHOWN SHEET 4 OF #

DATE: MM/DD/YYYY TOWN FILE NO.